

IUNS-ICN 2025

SCIENTIFIC PROGRAM

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EPO6 - NON COMMUNICABLE DISEASES

EPO6

E-POSTERS

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MCI ABSTRACT

L. NALLET-KHOSROFIAN

Sunday August 24th

16:00 - 18:00

OPENING CEREMONY

C1

CEREMONY

Grand Amphitheatre



DESCRIPTION

"What Data and Evidence is Telling us About Why we Must Invest in Nutrition

Afshan Khan, Coordinator, Scaling Up Nutrition (SUN) Movement

In today's volatile global landscape is marked by rising food prices, declining official development assistance, and tightening fiscal space. The need for evidence-informed nutrition policy has never been more urgent. This lecture will highlight the critical role that multi-disciplinary research plays in shaping policies that deliver healthier diets needed to build productive societies.

Drawing on global trends and national examples, the lecture will explore how scientific evidence underpins investment in healthy diets. Yet despite a strong evidence base, many countries still struggle to articulate the value of nutrition. Not only as a lever for change across food systems, but also affecting health, climate, and WASH.

The lecture will also examine how researchers can go beyond publishing findings to actively engage in shaping policy. Lessons from food systems transformation demonstrate what's possible when science and strategy work in tandem. As the climate crisis accelerates, putting nutrition at the heart of adaptation and resilience efforts is not optional—it's essential. Therefore the call to action is clear: science and country priorities must align if we are to have healthy people and a healthy planet.

LISTE DES INTERVENANTS

SPEAKER(S)

A. CIECHANOVER

A. KHAN

16:00 - 16:30

WHAT DATA AND EVIDENCE IS TELLING US ABOUT WHY WE MUST INVEST IN NUTRITION

A. KHAN

Monday August 25th

08:00 - 09:30

SOAP 01 - THE FUTURE OF NUTRITION RECOMMENDATIONS

SOAP01

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



08:00 - 08:05

MODELING INCREASED DIETARY DIVERSITY IN PLANT AND ANIMAL PRODUCTS AND ITS IMPACT ON DIET QUALITY

A. BOLO

08:05 - 08:10

GENERATING EVIDENCE IN MODERATE WASTING (GEM)

O. ACHARYA

08:10 - 08:15

THE FUTURE OF NUTRITION RECOMMENDATIONS: INSIGHTS FROM CMAM IMPLEMENTATION IN FIVE HUNGER CRISIS RESPONSE COUNTRIES

A.G. PETER

08:15 - 08:20

DEVELOPING INTERIM FOOD-BASED DIETARY GUIDELINES FOR THE GENERAL POPULATION IN CAMBODIA – HEALTHY, DIVERSE, SUSTAINABLE

S. SIGH

08:20 - 08:25

EFFECT OF MEDICAL NUTRITION KNOWLEDGE ON GLYCEMIC REGULATION IN PATIENTS WITH DIABETES MELLITUS

B. MOTAMEDIAN

08:25 - 08:30

ACTIVATOR: IS NUTRITION RESEARCH IN ASIA UP TO THE TASK?

08:30 - 08:35

NEPAL'S SCHOOL FOOD ENVIRONMENT AND NUTRITION PRACTICES: ASSESSMENT OF FAT AND SODIUM IN SCHOOL CAFETERIAS IN URBAN MUNICIPALITIES

M. HENRY

08:35 - 08:40

CONSTRUCTION OF A DATABASE ON ILEAL DIGESTIBILITY OF PROTEIN AND AMINO ACIDS IN FOODS CONSUMED BY HUMANS- AN EXPERT CONSENSUS FRAMEWORK FOR THE EXTRACTION AND CURATION OF PUBLISHED DATA FROM IN-VIVO AND IN-VITRO EXPERIMENTS

M. XIPSITI

08:40 - 08:45

WHEN DOES DIETARY DIVERSITY ENHANCE DIET QUALITY? THE IMPORTANCE OF FOOD GROUPS AND DIMENSIONS

A. BOLO

08:45 - 08:50

INSTITUTIONALIZING QUALITY IMPROVEMENT APPROACHES IN LOW RESOURCE SETTINGS HEALTH FACILITIES TO IMPROVE QUALITY OF NUTRITION SERVICE DELIVERY

J. AIGI MURUVE

08:50 - 08:55

DEVELOPING A NUTRIENT PROFILING MODEL TO SUPPORT MARKETING RESTRICTIONS IN CHINA

Y. YANG

08:55 - 09:00

ADAPTING THE MEDITERRANEAN DIET FOR ASIANS: SENSORY EVALUATION IN NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) PARTICIPANTS

V.M.H.. TAN

09:00 - 09:05

SOCIOECONOMIC INEQUALITIES IN DIET AND NUTRITION – A SYSTEMATIC REVIEW OF ASIA

A.S. FU

09:05 - 09:10

PESCATARIAN DIET MAY OFFER GREATER BENEFITS FOR PRESERVING DNA INTEGRITY

G. GAJSKI

09:10 - 09:15

**REFRESH: A DIETARY SCREENER FOR RAPID EVALUATION FOR ENVIRONMENTALLY
SUSTAINABLE AND HEALTHY DIETS**

U. FRESÁN

Monday August 25th

08:00 - 09:30

SOAP 02 - NON COMMUNICABLE DISEASES

SOAP02

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



08:00 - 08:05

DIETARY GUIDELINES AND MEAL PLANNING FOR THE DIABETIC PATIENT DURING RAMADAN

H.A. SOHAWON

08:05 - 08:10

ASSOCIATION OF COFFEE AND TEA INTAKE WITH STROKE AMONG WEST AFRICANS

A. OKEKUNLE

08:10 - 08:15

COMPARISON OF CANOLA OIL AND OLIVE OIL CONSUMPTION ON THE SERUM LIPID PROFILE IN ADULTS: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS

F. SHIDFAR

08:15 - 08:20

ANALYSIS OF THE RISK OF DEVELOPING DIET-RELATED NON-COMMUNICABLE DISEASES AMONG WOMEN OF REPRODUCTIVE AGE IN CENTRAL CONGO, DRC

E. NOBELA

08:20 - 08:25

OVERWEIGHT AND OBESITY AMONG SCHOOL CHILDREN IN A CORRELATION WITH BODY COMPOSITION AND PHYSICAL ACTIVITIES

H. NGUYEN THU

08:25 - 08:30

EFFECT OF MUSHROOM TEA FORMULATIONS COMBINED WITH GINGER OR LEMONGRASS ON ANTI-INFLAMMATORY AND DIGESTIVE ENZYME INHIBITING ACTIVITIES

08:30 - 08:35

INTERMITTENT FASTING DOES NOT IMPACT SLEEP QUALITY RELATIVE TO AD LIBITUM EATING IN OVERWEIGHT/OBESE ADULTS - A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS

Y.N. YONG

08:35 - 08:40

FOOD-BASED INDEXES FOR ASSESSING DIET QUALITY IN RELATION TO CHRONIC INFLAMMATION

G. REYNEKE

08:40 - 08:45

A HEALTHY BRAZILIAN DIET WITH ENERGY RESTRICTION IMPROVES ANTHROPOMETRY AND MODULATES SALIVARY AND GUT MICROBIOTA IN ADULTS WITH EXCESS BODY WEIGHT

F.I.. MILAGRO

08:45 - 08:50

PLANT-BASED DIETARY INDICES AND RISK OF A FIRST CLINICAL DIAGNOSIS OF CENTRAL NERVOUS SYSTEM DEMYELINATION IN AUSTRALIAN ADULTS

A. KALMPOURTZIDOU

08:50 - 08:55

THE EFFECT OF ISOMALTULOSE INTAKE ON GLP-1 RESPONSE IN THE GENERAL POPULATION AND PARTICIPANTS WITH IMPAIRED GLUCOSE TOLERANCE/T2D: SYSTEMATIC REVIEW AND META-ANALYSIS

Y.C. ZANZER

08:55 - 09:00

ADHERENCE TO A TRADITIONAL CHINESE DIET AND ITS ASSOCIATION WITH NON-COMMUNICABLE DISEASES AND MORTALITY: RESULTS FROM THE CHINA HEALTH AND NUTRITION SURVEY

J. NIU

09:00 - 09:05

WHICH STAKEHOLDERS INFLUENCE THE DEVELOPMENT AND IMPLEMENTATION OF FOOD PROMOTION AND PROVISION POLICIES IN GHANA'S URBAN SCHOOL SYSTEMS?

A. TETTEH

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ASSOCIATION OF OVERWEIGHT/OBESITY, SARCOPENIA, AND SARCOPENIC OVERWEIGHT/OBESITY WITH HYPERTENSION IN THE ELDERLY: A CROSS-SECTIONAL STUDY

J. WANG

09:10 - 09:15

ADOLESCENT DIETARY PATTERNS AND RISK OF CHRONIC LIVER DISEASE MORTALITY AND INCIDENT LIVER CANCER: A PROSPECTIVE COHORT STUDY

X. ZHANG

Monday August 25th

08:00 - 09:30

SOAP 03 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP03

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



08:00 - 08:05

EFFICACY OF A FAMILY-BASED WHATSAPP INTERVENTION IN PROMOTING ADEQUATE GROWTH IN AMAZONIAN CHILDREN

A.C. HOVADICK

08:05 - 08:10

ENHANCING CHILD NUTRITION IN TIMOR LESTE: FEASIBILITY STUDY FINDINGS ON KEY FACTORS AND OPPORTUNITIES TO IMPROVE DIET QUALITY FOR CHILDREN 6-23 MONTHS

E. KIRKWOOD

08:10 - 08:15

IMPROVING VITAMIN A SUPPLEMENTATION 1ST DOSE (VAS1) AMONG CHILDREN 6-59 MONTHS IN UGANDA THROUGH INTEGRATION OF VAS INTO TARGETED INTEGRATED COMMUNITY OUTREACHES AND FACILITY DEFAULTER TRACKING

A. LUWANGULA

08:15 - 08:20

NUTRIENT ADEQUACY AND DIET QUALITY OF PREGNANT WOMEN

I.A. DENIRAN

08:20 - 08:25

WOMEN'S EXPERIENCES IN THE FOOD ENVIRONMENT AND ITS PERCEIVED EFFECT ON THEIR FRUIT AND VEGETABLE INTAKE: INSIGHTS FROM NORTHERN TANZANIA

N. SINGH

08:25 - 08:30

ASSOCIATION BETWEEN NUTRITIONAL STATUS, DIARRHOEA INFECTIONS AND FEEDING PRACTICES IN CHILDREN AGED 6-59 MONTHS IN URBAN AREAS IN CAMEROON

M. MANANGA

08:30 - 08:35

THE CURRENT STATUS AND RELATED FACTORS OF UNHEALTHY EATING BEHAVIORS AMONG FAMILY CHEFS IN BEIJING

L. HUANG

08:35 - 08:40

SURVEILLANCE SYSTEM EVALUATION OF SEVERE ACUTE MALNUTRITION-NORTH GONDAR ZONE, NORTHWEST ETHIOPIA

E.G. ZELEKE

08:40 - 08:45

SUGAR AND SWEETENER CONSUMPTION AMONG ADULTS AND 11-18 YEAR OLD YOUNGS IN HUNGARY

E. ANTAL

08:45 - 08:50

BEYOND INGREDIENTS, METHODS AND DINNERS: FEASIBILITY OF EXPANDING THE ROLE OF RECIPES IN CHILD FEEDING

A. SPENCE

08:50 - 08:55

USING TARGETED INTEGRATED COMMUNITY INTERVENTIONS TO COMBAT WASTING AMONG CHILDREN <5 YEARS IN LOW- AND MIDDLE-INCOME COUNTRIES (LMIC): A CASE OF UGANDA

A. LUWANGULA

08:55 - 09:00

VEGETARIAN DIET AND LIKELIHOOD OF BECOMING CENTENARIANS: A PROSPECTIVE STUDY

K. WANG

09:00 - 09:05

THE IMPACT OF HIGH-QUALITY DIETARY PATTERNS ON THE PREVENTION OF CHRONIC LIVER DISEASES: A META-ANALYSIS OF OBSERVATIONAL STUDIES

L. ZHANG

09:05 - 09:10

HEALTHY DIETARY PATTERNS DELAY HETEROGENEOUS BIOLOGICAL AGING ACROSS WHOLE BODY AND MULTIPLE ORGAN SYSTEMS, LOWERING MORTALITY RISK

X. XU

09:10 - 09:15

THE ROLE OF FOOD BUSINESS OPERATORS IN EFFECTIVELY MONITORING AND REPORTING ADVERSE REACTIONS TO (NOVEL) FOOD PRODUCTS

M. FLORIE

Monday August 25th

09:30 - 10:00

BREAK

Exhibition Hall



Monday August 25th

10:00 - 11:00

NUTRITION, MICROBIOME AND CARDIOMETABOLIC DISEASES

PL2

PLENARY LECTURE

Amphitheatre Bleu



LISTE DES INTERVENANTS

SPEAKER(S)

K. CLEMENT

10:00 - 11:00

NUTRITION, MICROBIOME AND CARDIOMETABOLIC DISEASES

K. CLEMENT

Monday August 25th

10:00 - 11:00

REALIZING THE POTENTIAL OF HEALTHY DIETS- WHAT IS STANDING IN OUR WAY

PL1

PLENARY LECTURE

Grand Amphitheatre



LISTE DES INTERVENANTS

SPEAKER(S)

L.M.. NEUFELD

10:00 - 11:00

REALIZING THE POTENTIAL OF HEALTHY DIETS: WHAT IS STANDING IN OUR WAY

L.M.. NEUFELD

Monday August 25th

11:15 - 12:45

SOAP 04 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

SOAP04

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



11:15 - 11:20

ENVIRONMENTAL IMPACT AND NUTRITIONAL QUALITY OF ADULT DIETS IN FRANCE BASED ON FRUIT AND VEGETABLE INTAKES

N. KOMATI

11:20 - 11:25

LAND USE IMPACTS OF DIETS ACROSS THE INCOME SPECTRUM IN FUTURE GLOBAL CLIMATE CHANGE SCENARIOS

K. WAXENBERG

11:25 - 11:30

INNOVATIVE CLIMATE TECH SOLUTIONS FOR FOOD WASTE: THE ROLE OF ECONUTA IN UGANDA'S FOOD SYSTEM

T. MUNUNUZI

11:30 - 11:35

FROM PLATE TO POLICY: UNDERSTANDING FOOD CHOICES AND BEHAVIOURS FOR HEALTHY AND SUSTAINABLE DIETS IN OLDER ADULTS

B. BRAY

11:35 - 11:40

GENDER-JUST TRANSITION TO REDUCED COMMERCIAL MILK FORMULA USE AND GREENHOUSE GAS EMISSIONS IN FACILITIES PROVIDING MATERNITY AND NEWBORN CARE SERVICES: A SCOPING REVIEW

A. PRAMONO

11:40 - 11:45

THE SUITABILITY OF VEGETARIANISM FOR ELDERLY POPULATIONS: EVALUATION OF THE IMPACT OF A VEGETARIAN MEAL ON PLANT PROTEIN ASSIMILATION IN RATS OF ALL AGES

M. MUZIOT

11:45 - 11:50

ASSESSING BIODIVERSITY IMPACTS OF DIETS AND FOOD SYSTEMS

E. AUGUSTINY

11:50 - 11:55

DOES DEFORESTATION INFLUENCE BEEF RETAIL PRICES IN BRAZIL?

J. TEREZA DA SILVA

11:55 - 12:00

HOUSEHOLD FOOD WASTE IN MOROCCO: AN EXPLORATORY SURVEY

C. BELFAKIRA

12:00 - 12:05

CRITICAL REVIEW OF THE RELATIONSHIPS BETWEEN BIODIVERSITY AND DIETS: CURRENT STATUS AND POTENTIAL OPPORTUNITIES FOR ITS ASSESSMENT

H. BOURHIS

12:05 - 12:10

SYNERGIES IN DIETARY CONSTRUCTS - OPTIMIZING FOOD BIODIVERSITY, NUTRIENT ADEQUACY, AND ENVIRONMENTAL SUSTAINABILITY

J. BERDEN

12:10 - 12:15

DETERMINANTS OF FOOD CHOICE MOTIVES AMONG ADULTS IN A UNIVERSITY SETTING: THE ROLE OF SOCIODEMOGRAPHIC AND ANTHROPOMETRIC FACTORS

S. ZIDAN

12:15 - 12:20

UNDERSTANDING THE INTERPLAY BETWEEN GREENHOUSE GAS EMISSIONS, HEALTH, AND COST OF FOOD AND DRINK: A PRELIMINARY ANALYSIS OF LOYALTY CARD DATA FROM A LARGE UK FOOD RETAILER

E. WILKINS

12:20 - 12:25

ASSESSING THE IMPACT OF DROUGHT ON WOMEN AND CHILD UNDERNUTRITION IN INDIA; A DISAGGREGATED PERSPECTIVE: PRESENT COEXISTENCE OR EMERGING THREAT?

A. SHARMA

12:25 - 12:30

HARMONISING STORAGE COMMUNICATIONS AND DATE LABELLING CONVENTIONS USED ON SOUTH AUSTRALIAN DAIRY PRODUCTS

J.E. SIT

Monday August 25th

11:15 - 12:45

SOAP 05 - NON COMMUNICABLE DISEASES

SOAP05

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



11:15 - 11:20

**DOES VITAMIN E IN MONO-SUPPLEMENTATION AFFECT THE RISK OF HEART FAILURE?
RESULTS OF A SYSTEMATIC REVIEW**

N. KARAVASILOGLOU

11:20 - 11:25

**THE EFFECT OF ALMONDS ON MENTAL HEALTH AND GUT HEALTH: A 12-WEEK RANDOMISED
CONTROLLED TRIAL**

L. SARTORI

11:25 - 11:30

**EFFECT OF FIVE TRADITIONAL VEGETABLES ON POSTPRANDIAL PLASMA GLUCOSE,
SERUM INSULIN AND ANTIOXIDANT ACTIVITY IN PATIENTS WITH TYPE 2 DIABETES AFTER
CONSUMPTION OF RICE DISH**

I. NNADI

11:30 - 11:35

**IS EXTREME OBESITY ASSOCIATED WITH UNHEALTHY AND UNMANLY TESTOSTERONE
LEVELS?**

A. PENESOVÁ

11:35 - 11:40

**PARENTAL FEEDING PRACTICES DIFFER BETWEEN CAREGIVERS OF CHILDREN AND
ADOLESCENTS WITH AUTISM SPECTRUM DISORDERS (ASD) AND VARIOUS BMI STATUSES**

P. GOULIDAKIS VOSYNIOTIS

11:40 - 11:45

RELATIONSHIP BETWEEN NUTS CONSUMPTION AND BONE MINERAL DENSITY IN CHINESE ADULTS

M. GAO

11:45 - 11:50

ASSOCIATIONS OF DIETARY FAT INTAKE WITH COGNITIVE FUNCTION AND ITS DECLINE: A PROSPECTIVE COHORT STUDY

M. WU

11:50 - 11:55

THE PRICE OF PREVENTION: A COST ANALYSIS OF A BREAST CANCER PREVENTION DIET FOR WOMEN RESIDING IN SOWETO, SOUTH AFRICA

C. TALJAARD-KRUGELL

11:55 - 12:00

ANALYSIS OF ABNORMAL RENAL FUNCTION STATUS AND ITS INFLUENCING FACTORS IN MIDDLE-AGED AND ELDERLY PEOPLE

M. HAN

12:00 - 12:05

DIETARY INTERVENTIONS TO IMPROVE DISEASE SEVERITY IN PEOPLE LIVING WITH PSORIASIS: RESULTS FROM THE MEDITERRANEAN AND TIME-RESTRICTED EATING DIETS FOR PSORIASIS (METRED-P) FEASIBILITY TRIAL

S. ZANESCO

12:05 - 12:10

HYPOTHESIS- AND DATA-DRIVEN DISEASE RISK SCORES IN YOUNG ADULTS – AN ANALYSIS IN THE GERMAN DONALD COHORT STUDY

M. MARK

12:10 - 12:15

IMPACT OF THE SUGAR-SWEETENED BEVERAGE TAX AMONG ADULTS IN NEWFOUNDLAND & LABRADOR: A PRE-POST STUDY OF DRINK PURCHASES, AND COMPARISON OF AWARENESS, COST PERCEPTION AND POLICY SUPPORT WITH OTHER CANADIAN PROVINCES IN 2021 AND 2022

K. HOCK

12:15 - 12:20

IN VIVO THERAPEUTIC POTENTIAL OF SITHONA (ALSTONIA SCHOLARIS) AS AN ANTI-OBESOGENIC AGENT: INSIGHTS FROM TRADITIONAL HEALERS OF THE BODO COMMUNITY IN NORTHEAST INDIA

J. BARO

12:20 - 12:25

ADHERENCE TO THE 2018 WORLD CANCER RESEARCH FUND/AMERICAN INSTITUTE FOR CANCER RESEARCH CANCER PREVENTION RECOMMENDATIONS AMONG ADULTS WITH AND WITHOUT CANCER IN CHILE

S. PARRA-SOTO

12:25 - 12:30

PROSPECTIVE ASSOCIATIONS OF SUGAR-SWEETENED BEVERAGES, FRUIT JUICES AND ARTIFICIALLY SWEETENED BEVERAGES CONSUMPTION WITH PREDIABETES RISK IN THE ROTTERDAM STUDY

M.G. JACOBO CEJUDO

Monday August 25th

11:15 - 12:45

SOAP 06 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP06

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



11:15 - 11:20

CREATIVE LOCAL SOLUTIONS: INNOVATIVE ALTERNATIVE PRODUCTS FOR PREVENTION AND TREATMENT OF MALNUTRITION IN LOW-RESOURCE SETTINGS IN AFRICA

A. TOLOSSA

11:20 - 11:25

EFFECT OF MEAT CONSUMPTION ON COPD: A SYSTEMATIC REVIEW AND META-ANALYSIS

G. XINYUE

11:25 - 11:30

ASSOCIATIONS BETWEEN MATERNAL NUTRITIONAL STATUS AND BREASTMILK COMPOSITION

M. HOSSAIN

11:30 - 11:35

THE EFFECTS OF DAILY CONSUMPTION OF RUMINANT MILK ON DIGESTIVE COMFORT IN OLDER WOMEN

S.P. ONG

11:35 - 11:40

CONSUMPTION OF ULTRA-PROCESSED FOODS AND PREVALENCE OF DYSLIPIDEMIA: THE FILIPINO WOMEN'S DIET AND HEALTH STUDY

S. KIM

11:40 - 11:45

FOOD INTAKES AS PREDICTORS OF THE DEVELOPMENT OF OBESITY AMONG 5- TO 9-YEAR-OLD SOUTH AFRICAN CHILDREN: A COHORT STUDY

H.S. KRUGER

11:45 - 11:50

A PILOT PRODUCE PRESCRIPTION PROGRAM TO PROMOTE FOOD ACCESS AND FOOD LITERACY

A. DOMINGO

11:50 - 11:55

THE BOLSILLO SALUDABLE PILOT LESSONS AND SCALING TOWARDS A NATIONAL PROGRAM FOR CHILE

C. CORVALÁN

11:55 - 12:00

COOKING AROUND THE WORLD: DIFFERENCES IN COOKING FREQUENCY BY GENDER AND FOOD SYSTEM TYPOLOGY ACROSS 135 COUNTRIES FROM 2018-2022

J. WOLFSON

12:00 - 12:05

FOOD INSECURITY AND DIET IN FRANCE: A POST-INFLATION PERSPECTIVE

M. GRESSIER

12:05 - 12:10

ENERGY INTAKE, NUTRIENT CONTRIBUTION AND SOCIOECONOMIC DETERMINANTS OF ULTRA PROCESSED AND LESS PROCESSED FOODS CONSUMED IN ETHIOPIA: EVIDENCE FROM NATIONAL FOOD CONSUMPTION SURVEY

K. BALCHA

12:10 - 12:15

DIFFERENCES IN CHILD DIET QUALITY AND WEIGHT STATUS AT 2-5 YEARS BY DURATION OF U.S. SOCIAL SAFETY NET PROGRAM PARTICIPATION AND MEDIATION BY INFANT DIET QUALITY

C.A. DOMFE

12:15 - 12:20

EXPLORING THE SIGNIFICANCE OF POLYPHENOL-BASED INTERVENTIONS IN TREATING DEPRESSION AND ANXIETY: A DOSE RESPONSE META- ANALYSIS AND SYSTEMATIC REVIEW OF RANDOMIZED CONTROLLED TRIALS

R. PANWAR

12:20 - 12:25

PREGNANCY WEIGHT GAIN AMONG SLUM-DWELLING PREGNANT WOMEN: A QUASI-EXPERIMENTAL STUDY

M. MAHFUZ

12:25 - 12:30

NUTRITIONAL STATUS AND DIETARY INTAKE OF 2–7-YEAR-OLD CHILDREN FOLLOWING VEGAN, VEGETARIAN, AND OMNIVOROUS DIETS

V. TILLI

Monday August 25th

12:45 - 14:00

LUNCH BREAK

Exhibition Hall



Monday August 25th

13:00 - 13:45

LUNCHEON SEMINAR 01

LS01

LUNCHEON SEMINAR

Room Maillot



Monday August 25th

13:00 - 13:45

LUNCHEON SEMINAR - 02

LS02

LUNCHEON SEMINAR

Room 241



Monday August 25th

13:00 - 13:45

LUNCHEON SEMINAR - CARGILL

LS03

LUNCHEON SEMINAR

Room 242A



Monday August 25th

13:00 - 13:45

LUNCHEON SEMINAR 04

LS04

LUNCHEON SEMINAR

Room 242B



Monday August 25th

13:00 - 13:45

LUNCHEON SEMINAR 05

LS05

LUNCHEON SEMINAR

Room 243



Monday August 25th

13:00 - 13:45

LUNCHEON SEMINAR 06

LS06

LUNCHEON SEMINAR

Room 251



Monday August 25th

13:00 - 13:45

LUNCHEON SEMINAR 07

LS07

LUNCHEON SEMINAR

Room 252A



Monday August 25th

13:00 - 13:45

LUNCHEON SEMINAR 08

LS08

LUNCHEON SEMINAR

Room 252B



Monday August 25th

13:00 - 13:45

LUNCHEON SEMINAR 09

LS09

LUNCHEON SEMINAR

Room 253



Monday August 25th

14:00 - 15:30

OAP 01 - THE FUTURE OF NUTRITION RECOMMENDATIONS

OAP01

ORAL ABSTRACT PRESENTATION

Grand Amphitheatre



14:00 - 14:10

THE FUTURE OF NUTRITIONAL ASSESSMENT: A DIGITAL SOLUTION USING FACIAL MORPHOMETRICS

R.Y.C. QUEK

14:10 - 14:20

EXPLORING THE ABILITY OF NUTRI-SCORE AND NOVA FOOD CLASSIFICATION IN NUTRITIONAL QUALITY ASSESSMENT OF SELECTED FOODS AVAILABLE IN THE SOUTHEAST ASIA FOOD MARKET

M. BERNARDINO

14:20 - 14:30

THE RISK OF NON-COMMUNICABLE DISEASES IN ADULthood ASSOCIATED WITH CHILDHOOD AND ADOLESCENCE EXPOSURE TO MALNUTRITION IN LOW- TO MIDDLE-INCOME COUNTRIES: A SYSTEMATIC REVIEW AND META-ANALYSIS OF OBSERVATIONAL STUDIES

F.B. ZURGA

14:30 - 14:40

ANALYZING CONCORDANCE BETWEEN MUAC, MUACZ, AND WHZ IN DIAGNOSING ACUTE MALNUTRITION AMONG CHILDREN UNDER 5 IN SOMALIA

S. GARRETSON

14:40 - 14:50

EFFECT OF PLANT-BASED MEAT ANALOGUE VS ANIMAL-BASED MEAT DIETS ON MICRONUTRIENT INTAKE AND BIOLOGICAL STATUS OF HEALTHY ADULTS – AN 8-WEEK RANDOMIZED CONTROLLED TRIAL

14:50 - 15:00

TRANSFORMING LOCAL FOOD SYSTEMS USING URBAN AGRICULTURE FOR BETTER NUTRITION OUTCOMES

X. MKHIZE

15:00 - 15:10

POSITIONING NUTRIENT PROFILING AS A STRATEGY TO ASSESS SCHOOL FOOD POLICY: EVIDENCE AND IMPLICATIONS FROM CANADIAN SCHOOL FOOD PROGRAMS

A. BLAIS

15:10 - 15:20

EATING ARCHITECTURE AND CARDIOMETABOLIC HEALTH IN CHILDREN AND EARLY ADOLESCENCE

F. IBACACHE

15:20 - 15:30

ORGANIC FOOD CONSUMPTION AND RISK OF CANCER, TYPE 2 DIABETES MELLITUS AND CARDIOVASCULAR DISEASE IN THE DANISH DIET, CANCER AND HEALTH COHORT

J.L.M. ANDERSEN

Monday August 25th

14:00 - 15:30

OAP 02 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP02

ORAL ABSTRACT PRESENTATION

Amphitheatre Bleu



14:00 - 14:10

ASSOCIATIONS OF CIRCADIAN BEHAVIOUR INDEX WITH PLASMA GLYCEMIC PARAMETERS AND CONTINUOUS GLUCOSE MONITORING MEASURES AMONG PREGNANT WOMEN

Y.E. CHEN

14:10 - 14:20

EVALUATION AND COMPARISON OF THE AVAILABILITY AND HEALTHINESS OF BREADS, YOGURTS AND BREAKFAST CEREALS ACCORDING TO THEIR DEGREE OF PROCESSING IN THE USA AND FRANCE

R. BERTAZZI LEVY

14:20 - 14:30

IMPACT OF SERUM FOLATE CONCENTRATIONS DURING PREGNANCY ON OFFSPRING FOLATE STATUS: A PROSPECTIVE LONGITUDINAL STUDY

M.A. CARDOSO

14:30 - 14:40

EFFECTS OF A HYPOCALORIC TIME-RESTRICTED FEEDING DIET PROGRAM ON SLEEP QUALITY, QUALITY OF LIFE, AND PERCEIVED STRESS IN INDIVIDUALS WITH METABOLIC DYSFUNCTION-ASSOCIATED STEATOTIC LIVER DISEASE: A SECONDARY ANALYSIS OF A RANDOMIZED CONTROLLED TRIAL

E. PPAKONSTANTINO

14:40 - 14:50

EFFECT OF INTEGRATING HOUSEHOLD WATER TREATMENT AND HYGIENE PROMOTION INTO THE NATIONAL PROTOCOL FOR MANAGEMENT OF ACUTE MALNUTRITION OF SENEGAL – A CLUSTER-RANDOMISED CONTROLLED TRIAL

14:50 - 15:00

ASSOCIATION BETWEEN SEDENTARY BEHAVIOURS AND ADHERENCE TO THE MEDITERRANEAN DIET IN PRESCHOOL CHILDREN: CORAL STUDY

A. LARRUY-GARCÍA

15:00 - 15:10

EFFECTS OF EGG AS AN EARLY COMPLEMENTARY FOOD ON GROWTH AND DEVELOPMENT, MORBIDITY, ALLERGY AND NUTRITIONAL STATUS BIOMARKERS OF 6 TO 9-MONTH-OLD INFANTS: A RANDOMISED CONTROLLED TRIAL

M. SMUTS

15:10 - 15:20

MATERNAL MENTAL HEALTH AND CHILD DIETARY DIVERSITY IN RURAL KENYA: FINDINGS FROM A POOLED ANALYSIS OF TWO BASELINE STUDIES

M.A. KALAM

Monday August 25th

14:00 - 15:30

OAP 03 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP03

ORAL ABSTRACT PRESENTATION

Room Maillot



14:00 - 14:10

ASSOCIATION OF CORD BLOOD VITAMIN D AND VDR/VDBP GENETIC POLYMORPHISMS WITH CHILDHOOD ALLERGY IN SHANGHAI, CHINA: A PROSPECTIVE COHORT STUDY

X. WANG

14:10 - 14:20

NUTRITIONAL STATUS IS ASSOCIATED WITH COGNITION AND GRIP STRENGTH AMONG OLDER ADULTS: A 10 YEAR LONGITUDINAL STUDY IN GHANA AND SOUTH AFRICA

K. CHARLTON

14:20 - 14:30

ASSOCIATION BETWEEN GUT MICROBIOTA DURING PREGNANCY AND THE DEVELOPMENT OF GESTATIONAL DIABETES MELLITUS

X. WANG

14:30 - 14:40

ZINC ABSORPTION FROM MAIZE-BASED MEALS ENRICHED WITH EDIBLE HOUSE CRICKETS: A RANDOMIZED CROSSOVER STABLE-ISOTOPE STUDY IN KENYAN PRE-SCHOOL CHILDREN

A. MELSE-BOONSTRA

14:40 - 14:50

EFFECTS OF FRONT-OF-PACKAGE LABELS FOR ADDED SUGARS AND NON-SUGAR SWEETENERS (NSS) ON PARENTS' PERCEPTIONS AND SELECTION OF FOODS AND BEVERAGES FOR THEIR CHILDREN

A. SYLVETSKY

14:50 - 15:00

ADHERENCE TO FRENCH DIETARY GUIDELINES AND HYPERTENSION: INTERACTIONS WITH OTHER LIFESTYLE FACTORS IN THE E3N FRENCH PROSPECTIVE COHORT

M. CHLOÉ

15:00 - 15:10

EXAMINING THE RELATIONSHIP BETWEEN MEDITERRANEAN DIET AND INFERTILITY AMONG US WOMEN: AN INVESTIGATION OF THE US NHANES

A. BARIC

15:10 - 15:20

LOW HAND GRIP STRENGTH PREDICTS INCREASED RISK OF COGNITIVE IMPAIRMENT IN OLDER MEN, INCLUDING IN MEN WITH PROBABLE SARCOPENIC OBESITY: RESULTS FROM THE NORTHERN IRELAND PRIME-COG COHORT

D. FARSI

15:20 - 15:30

ASSOCIATION BETWEEN IRON DEFICIENCY ANEMIA AND GUT MICROBIOME COMPOSITION IN POSTPARTUM, MALNOURISHED LACTATING WOMEN IN PAKISTAN

N. IQBAL

Monday August 25th

14:00 - 15:30

OAP 04 - GLOBAL HEALTH AND PLANETARY NUTRITION

OAP04

ORAL ABSTRACT PRESENTATION

Room 241



14:00 - 14:10

**ADVANCING PLANETARY HEALTH EDUCATION FOR NUTRITION AND DIETETICS PROGRAMS:
A CURRICULUM FRAMEWORK**

L. CARLSSON

14:10 - 14:20

**FROM ADVOCACY TO ACTION: CIVIL SOCIETY AND DEVELOPMENT AGENCIES ENGAGING
PRIVATE SECTOR ACTORS FOR NUTRITION**

N. MITTAL

14:20 - 14:30

**FEASIBILITY OF A MORE PLANT-BASED WEIGHT LOSS DIET IN OBESE OLDER ADULTS: THE
2EAT PILOT STUDY**

S. WILDEMAST

14:30 - 14:40

**STREAMLINING FUNDING ACCESS FOR PRODUCERS: ENHANCING FOOD SYSTEMS,
COMMUNITY NUTRITION EDUCATION, AND HEALTHY BEHAVIORS IN UNDERSERVED
COMMUNITIES**

V. ZOUMENOU

14:40 - 14:50

**PROTEIN ADEQUACY IN EUROPE: ADJUSTING CRUDE INTAKES USING THE PROTEIN
ADEQUACY AND QUALITY SCORE (PAQS)**

S. BIESBROEK

14:50 - 15:00

**WHAT IS THE OPPORTUNITY COST OF FUNDING READY-TO-USE SUPPLEMENTARY FOODS
COMPARED TO COUNSELLING FOR MODERATE MALNUTRITION?**

E. GRIEVE,

15:00 - 15:10

**FACTORS AFFECTING FOOD DIVERSITY, FREQUENCY, ADEQUACY AND GROWTH IN
CHILDREN AGED 6-36 MONTHS IN CONFLICTED-AFFECTED MALI**

S. MANASEKI-HOLLAND

15:10 - 15:20

**LONGITUDINAL ASSOCIATION BETWEEN WOMEN'S AGENCY AND HOUSEHOLD INCOME ON
WOMEN'S DIETS IN RURAL BANGLADESH**

G. WABLE GRANDNER

Monday August 25th

14:00 - 15:30

OAP 05 - NON COMMUNICABLE DISEASES

OAP05

ORAL ABSTRACT PRESENTATION

Room 242A



14:00 - 14:10

NUTRITIONAL INTERVENTIONS IN OVERWEIGHT WOMEN WITH POLYCYSTIC OVARIAN SYNDROME

A. SETA

14:10 - 14:20

ESTIMATED HEALTH AND ECONOMIC IMPACTS OF TAXATION ON UNHEALTHY PACKAGED FOODS IN THE PHILIPPINES

M. MARKLUND

14:20 - 14:30

NUTRITION AND OSTEOCLAST ACTIVITY COULD BE INVOLVED IN LOWER BONE MINERAL DENSITY OBSERVED IN SOME PATIENTS WITH PHENYLKETONURIA, WHILE EX VIVO OSTEOCLASTOGENESIS IS UNALTERED IN THESE PATIENTS

B. HANUSCH

14:30 - 14:40

ASSOCIATION BETWEEN ULTRA-PROCESSED FOODS CONSUMPTION DURING PREGNANCY AND BREAST DENSITY POST-PARTUM: THE CHILEAN MATERNAL AND INFANT NUTRITION COHORT STUDY II (CHIMICS-II)

M.L. GARMENDIA

14:40 - 14:50

ASSESSMENT OF FACTORS AFFECTING PERCEIVED AND ACTUAL CARBOHYDRATE PORTION SIZES AMONG AN ADULT POPULATION IN ACCRA

J.B. DANQUAH

14:50 - 15:00

EFFECTIVENESS OF A PEER-LED DIGITAL HEALTH LIFESTYLE INTERVENTION FOR LOW-INCOME COMMUNITY AT RISK FOR CARDIOVASCULAR DISEASES (MYCARDIO-PEER)

G.P. LIM

15:00 - 15:10

OCCUPATIONAL EXPOSURE TO POLYCYCLIC AROMATIC HYDROCARBONS AND OXIDATIVE DNA DAMAGE AMONG PETROLEUM REFINERY WORKERS

W. ELSHOUKY

15:10 - 15:20

COMPARISON OF CONVENTIONAL ANTHROPOMETRY AND DUAL-ENERGY X-RAY ABSORPTIOMETRY (DEXA)-DERIVED MEASURES OF BODY COMPOSITION AND THEIR ASSOCIATIONS WITH GLYCATED HAEMOGLOBIN (HBA1C) IN A LARGE, MULTI-ETHNIC COHORT

S.U.A. ABID

Monday August 25th

14:00 - 15:30

OAP 06 - PRECISION AND CLINICAL NUTRITION

OAP06

ORAL ABSTRACT PRESENTATION

Room 242B



14:00 - 14:10

DIETARY METHIONINE RESTRICTION ALLEVIATES COGNITIVE IMPAIRMENT IN ALZHEIMER'S DISEASE MICE VIA SEX-DEPENDENT MODULATION ON GUT MICROBIOTA AND TRYPTOPHAN METABOLISM: A MULTI-OMICS ANALYSIS

L. ZHIGANG

14:10 - 14:20

THE INTERINDIVIDUAL VARIABILITY OF ADIPOSE TISSUE PROVITAMIN A CAROTENOID CONCENTRATIONS IS LINKED TO COMBINATIONS OF SINGLE NUCLEOTIDE POLYMORPHISMS

C. DESMARCHELIER

14:20 - 14:30

ALMONDS AND THEIR IMPACT ON THE IMMUNE RESPONSE FOLLOWING INFLUENZA VACCINATION: A RANDOMISED CONTROLLED TRIAL OF A VACCINATION MODEL OF IMMUNE RESPONSE IN HEALTHY ADULTS

A. VAN DER SCHOOT

14:30 - 14:40

INTERACTION BETWEEN COFFEE CONSUMPTION AND POLYGENIC RISK SCORE IN RELATION TO DIABETES: INSIGHTS FROM THE MAASTRICHT STUDY

E.Y.W. YU

14:40 - 14:50

MULTI-TISSUE, MULTI-OMICS STUDY TO UNDERSTAND THE BIOLOGICAL SIGNATURE OF CHILDHOOD EDEMATOUS SEVERE MALNUTRITION (KWASHIORKOR)

G.B. GONZALES

14:50 - 15:00

INFLUENCE OF VITAMIN D-RELATED GENE GENOTYPES (VDR, GC, AND CYP2R1) ON THE RESPONSE TO DIETARY INTAKE CHANGES. THE MYFOOD4SENIOR PROJECT

M. BENAVENT

15:00 - 15:10

GENETIC PREDISPOSITION AND HEALTH BEHAVIORS OF LIFE'S ESSENTIAL 8, ON CORONARY HEART DISEASE RISK AND CORONARY ARTERY CALCIUM

X.J. WANG

15:10 - 15:20

CONSTRUCTION OF PREDICTIVE MODEL OF ABDOMINAL OBESITY WITH INSULIN RESISTANCE BASED ON WTM TECHNOLOGY

J. HUO

Monday August 25th

14:00 - 15:30

OAP 13 - NON COMMUNICABLE DISEASES

OAP13

ORAL ABSTRACT PRESENTATION

Room 342A



14:00 - 14:10

GLYCAEMIC LOAD, GLYCAEMIC INDEX, AND SENSORY ASSESSMENT OF TRADITIONALLY PREPARED AND INNOVATIVE BARLEY-BASED FOOD PRODUCTS

R. MADHARI

14:10 - 14:20

EFFICACY OF ZINC FORTIFIED AND FERMENTED WHEAT FLOUR (EZAFFAW): A RANDOMIZED CONTROLLED TRIAL

J. DAS

14:20 - 14:30

ASSOCIATION OF LIFESTYLE PATTERNS WITH THE INCIDENCE OF MAJOR CHRONIC DISEASES: EVIDENCE FROM THE PROSPECTIVE LIFELINES STUDY

Q. ZOU

14:30 - 14:40

PUBLIC SUPPORT AND PERSPECTIVES ON THE TAXATION OF SUGAR-SWEETENED BEVERAGES: RESULTS FROM A NATIONALLY REPRESENTATIVE PRE-IMPLEMENTATION SURVEY

A. YEBOAH-NKRUMAH

14:40 - 14:50

ULTRA-PROCESSED FOOD CONSUMPTION AND RISK OF EARLY-ONSET COLORECTAL CANCER: A LARGE COHORT STUDY OF YOUNGER ADULTS IN SOUTH KOREA

S. SONG

14:50 - 15:00

DIETARY SUPPLEMENT USE AND LIFE EXPECTANCY AFTER BREAST CANCER – THE DANISH DIET, CANCER AND HEALTH COHORT

C. KYRØ

15:00 - 15:10

IS INTESTINAL CD36 INVOLVED IN THE DEVELOPMENT OF WESTERN DIET-INDUCED OBESITY?

T. AL ANAISSY

15:10 - 15:20

PRIORITIZING BEHAVIOURS TO ADDRESS THE TRIPLE BURDEN OF MALNUTRITION IN ADOLESCENTS: EVIDENCE FROM CAMEROON

D.D. EKWOGE

Monday August 25th

14:00 - 15:30

OAP 08 - BASIC RESEARCH IN NUTRITION

OAP08

ORAL ABSTRACT PRESENTATION

Room 251



14:00 - 14:10

ENRICHMENT OF THE DIET OF BLACK SOLDIER FLY (HERMETIA ILLUCENS) LARVAE WITH ERGOSTEROL FOLLOWED BY UV-B EXPOSURE PRODUCES LARVAE VERY RICH IN VITAMIN D

P. BOREL

14:10 - 14:20

ANALYSIS OF NUCLEOTIDE CONCENTRATION TRAJECTORIES OVER LACTATION IN HUMAN MILK AND INFLUENCING FACTORS

L. XIE,

14:20 - 14:30

HEPATIC GPCPD1 ACTIVITY-DRIVEN CHOLINE UTILIZATION LINKS TO ENERGY METABOLISM

S. CHEN

14:30 - 14:40

THE MECHANISM OF SULFORAPHANE TARGETING CALCIUM ION-GSN SIGNALING AXIS TO REGULATE MITOCHONDRIAL HOMEOSTASIS AND IMPROVE LIPID METABOLISM DISORDERS

S. TIAN

14:40 - 14:50

EFFECTS OF DIETARY GERANYLGERANIOL SUPPLEMENTATION ON PAIN-ASSOCIATED BEHAVIORS, MITOCHONDRIAL HOMEOSTASIS, AND NEUROINFLAMMATION, BUT NOT GUT MICROBIOME, IN STREPTOZOTOCIN-INDUCED DIABETIC RATS

C.L. SHEN

14:50 - 15:00

**MAPPING THE DISPARITIES: SEVERE AND EXTREME CHILD GROWTH FAILURE ACROSS
SOUTH AND SOUTHEAST ASIA**

M.M. HASAN,

15:00 - 15:10

**EFFECTS OF MEAL ENERGY DENSITY ON ANTHROPOMETRIC MEASUREMENTS, SOME
METABOLIC PARAMETERS, AND SUBJECTIVE APPETITE IN WOMEN**

B. KOSE

Monday August 25th

14:00 - 15:30

OAP 09 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP09

ORAL ABSTRACT PRESENTATION

Room 252A



14:00 - 14:10

THE USE OF FOOD FREQUENCY QUESTIONNAIRE DATA IN SUBSTITUTION MODELLING: QUESTIONABLE VALIDITY OF FINDINGS

J.C.Y. LOUIE

14:10 - 14:20

DOES BODY COMPOSITION IMPACT ESTIMATION OF RESTING METABOLIC RATE IN OLDER ADULTS?

J. PORTER

14:20 - 14:30

METABOLIC DYSFUNCTION IN INDIAN ADOLESCENTS AND ITS ASSOCIATION WITH BODY FAT AND HEPATIC ADIPOSITY

S. HEGDE

14:30 - 14:40

SIMULATION OF THE IMPACT OF FERMENTATION DURING INJERA PREPARATION ON ESTIMATION OF FOLATE AND COBALAMIN ADEQUACY IN THE ETHIOPIAN CONTEXT AND ITS CONSEQUENCES

E. VERGER

14:40 - 14:50

ASSESSING THE LEVELS OF NUTRIENT OF CONCERN IN COMMERCIALY PRODUCED COMPLEMENTARY FOOD FOR INFANTS AND YOUNG CHILDREN ACROSS SIX WEST AFRICAN COUNTRIES

O.M. MAMA

14:50 - 15:00

**EARLY EFFECTS OF A SUGAR-SWEETENED BEVERAGE TAX ON CONSUMER BEHAVIOUR
AND PUBLIC PERCEPTIONS: EVIDENCE FROM A NATIONAL SURVEY**

A. TANDOH

15:00 - 15:10

**CAN NUTRIENT ICONS AND EMOTICONS ON FRONT-OF-PACK NUTRITION LABELS (FOPNLS)
FACILITATE THE SELECTION OF HEALTHIER PACKAGED FOODS AMONG CONSUMERS WITH
LIMITED EDUCATION?**

R. PANDE

15:10 - 15:20

**ASSOCIATIONS BETWEEN NUTRITION KNOWLEDGE, HOUSEHOLD FOOD INSECURITY AND
DIET QUALITY AMONG ADOLESCENTS IN URBAN AND RURAL FOOD ENVIRONMENT IN
KENYA**

N. ODONGO

Monday August 25th

14:00 - 15:30

OAP 10 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP10

ORAL ABSTRACT PRESENTATION

Room 252B



14:00 - 14:10

ASSOCIATION AND LONGITUDINAL EFFECTS OF DIET QUALITY ON HEALTHY AGING - FOCUS ON CARDIOMETABOLIC HEALTH - FINDINGS FROM THE CANADIAN LONGITUDINAL STUDY ON AGING (CLSA)

F. VAHID

14:10 - 14:20

TRAQQ: AN INNOVATIVE ECOLOGICAL MOMENTARY DIETARY ASSESSMENT APP; A POTENTIAL NEW TOOL FOR CROSS-COUNTRY DIETARY DATA COLLECTION

D. LUCASSEN

14:20 - 14:30

VITAMIN A, D, AND E INTAKES, SERUM CONCENTRATIONS, AND BREASTMILK STATUS IN BREASTFEEDING WOMEN IN IRELAND

M. ALI

14:30 - 14:40

A MIXED-METHODS INVESTIGATION OF INFANT AND YOUNG CHILD FEEDING PRACTICES IN RURAL ETHIOPIA: INTEGRATING INSIGHTS FROM SURVEYS, DIRECT OBSERVATIONS, AND QUALITATIVE RESEARCH

A. OJEDA

14:40 - 14:50

EFFECTS OF MATERNAL PROBIOTICS AND OMEGA-3 FATTY ACIDS SUPPLEMENTATION DURING PREGNANCY THROUGH 6 MONTHS POSTPARTUM ON COVID-19 PREVALENCE AND NEUTRALIZING ANTIBODIES

14:50 - 15:00

IMPACT OF TARGETING STRATEGIES FOR BALANCED ENERGY PROTEIN SUPPLEMENTATION IN PREGNANCY ON WEIGHT GAIN IN PREGNANCY: RESULTS OF A CLUSTER RANDOMIZED CONTROLLED TRIAL IN RURAL BANGLADESH

A. THORNE-LYMAN

15:00 - 15:10

NUTRITIONAL INTAKE OF ADULTS LIVING IN FOOD INSECURITY IN DEVELOPED COUNTRIES: A SCOPING REVIEW PROTOCOL

A.K. PASTRANA POLO

15:10 - 15:20

WEIGHT CHANGES OVER A 5-YEAR PERIOD IN THE NUTRINET BRASIL COHORT STUDY: DESCRIPTION AND ASSOCIATED FACTORS

K.T. GABE

15:20 - 15:30

NUTRITION, BEHAVIOUR, SUPPORT, AND LIFESTYLE (NBSLI) INDEX FOR EVALUATING A COMMUNITY-BASED PROGRAM FOR MANAGING OBESE PREGNANCIES 4 BLOCKS OF INDIA

I. BHATTACHARJEE

Monday August 25th

14:00 - 15:30

SOAP 07 - BASIC RESEARCH IN NUTRITION

SOAP07

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



14:00 - 14:05

ENHANCED BIOACCESSIBILITY AND ANTI-INFLAMMATORY EFFECTS OF PHLOROTANNINS FROM ECKLONIA CAVA THROUGH IN VITRO DIGESTION AND FERMENTATION

H. KIM

14:05 - 14:10

APPLICATION OF BULLET PEAR PULP (BPP) CANARIUM SCHEWEINFURTII AS A FAT REPLACER IN COOKIES PRODUCTION AND ITS EFFECTS ON LIPID METABOLISM IN ADULT RATS

N. UMERAH

14:10 - 14:15

EFFECTS OF WHOLE MEAL SOURDOUGH BREAD WITH OR WITHOUT BAKER'S YEAST ON APPETITE, ENERGY INTAKE, AND POSTPRANDIAL METABOLIC RESPONSES: A RANDOMIZED, BLINDED, CROSS-OVER STUDY

G. CHATONIDI

14:15 - 14:20

THE IMPACT OF OMEGA-3 FATTY ACIDS ON MESENTERIC AND PERIPANCREATIC ADIPOSE TISSUE DEPOTS DURING MURINE PANCREATIC CARCINOGENESIS

G. MACKENZIE

14:20 - 14:25

INVESTIGATION OF THE EFFECTS AND MECHANISMS OF LYCOPENE ON NON-ALCOHOLIC FATTY LIVER DISEASE BASED ON THE FXR/FGF21-MEDIATED HEPATIC-ADIPOSE AXIS

J. SUI

14:25 - 14:30

SUGAR SWEETENED BEVERAGE INTAKE, PHYSICAL ACTIVITY AND NUTRITIONAL STATUS OF SCHOOL CHILDREN IN KAMPALA, UGANDA

R. FUNGO

14:30 - 14:35

NUTRITIONAL EFFECTS OF SPIRULINA LIQUID EXTRACT ON PLASMA PARAMETERS AND FATTY ACID AND GLUCOSE LIVER METABOLISMS IN SEDENTARY AND MODERATE RUNNING MALE WISTAR RATS

J. VIGNAUD

14:35 - 14:40

LYCIUM BARBARUM POLYSACCHARIDES REGULATED HIGH-FAT DIET INDUCED METABOLIC ASSOCIATED FATTY LIVER DISEASE (MAFLD) THROUGH HEPATIC-ADIPOSE AXIS

H. XIA

14:40 - 14:45

UMBRELLA META-ANALYSIS OF THE ASSOCIATION BETWEEN GDM AND SERUM IRON AND COPPER LEVELS

S. REN

14:45 - 14:50

THE IMPACT OF SUCRALOSE EXPOSURE ON TESTICULAR DAMAGE AND MALE INFERTILITY: ROLE OF OXIDATIVE STRESS AND AUTOPHAGY

K.C. HUANG

14:50 - 14:55

INVESTIGATING THE THERAPEUTIC POTENTIAL OF HINOKITOL IN SUPPRESSING UTERINE LEIOMYOMA PROLIFERATION AND EXTRACELLULAR MATRIX ACCUMULATION

Y.F. CHIANG

14:55 - 15:00

HISPIDIN IS A NUTRITIOUS FOOD INGREDIENT FOR ENHANCING WOUND HEALING

Y.S. LIU

15:00 - 15:05

BUGS GOT MILK? EXPLORING THE POTENTIAL OF LACTOSE AS A PREBIOTIC INGREDIENT FOR THE HUMAN GUT MICROBIOTA OF LACTOSE TOLERANT INDIVIDUALS

M. GUERVILLE

15:05 - 15:10

IMPACT OF NON-NUTRITIVE SWEETENERS CONTENT IN JUICES ON CHILDREN

R.C. ALVAREZ VEGA

15:10 - 15:15

HEPATIC GENDER DIFFERENCES IN ONE CARBON AND CHOLINE METABOLISM DURING FASTING

A. EDEH

15:15 - 15:20

ESTABLISHMENT OF A CHINESE GLYCEMIC INDEX (GI) DATABASE BASED ON AN IN VITRO GI PREDICTION MODEL

B. FAN

Monday August 25th

14:00 - 15:30

SOAP 08 - NON COMMUNICABLE DISEASES

SOAP08

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



14:00 - 14:05

DRIED FRUIT INCREASES STOOL WEIGHT AND STOOL FREQUENCY IN CHRONIC CONSTIPATION: A RANDOMISED, PLACEBO-CONTROLLED, FOOD INTERVENTION TRIAL

S. STEENSON

14:05 - 14:10

FRONT-OF-PACK FOOD LABELING (FOPL) AS A STRATEGY TO ADDRESS NON-COMMUNICABLE DISEASES IN NIGERIA: CHALLENGES AND OPPORTUNITIES

S.L. OSAKUE

14:10 - 14:15

PATIENTS WITH PHENYLKETONURIA SHOW IMPAIRMENT IN THEIR EXECUTIVE FUNCTIONS FOLLOWING INADEQUATE METABOLIC CONTROL, BUT INDEPENDENT OF THEIR HABITUAL DIET

K. SINNINGEN

14:15 - 14:20

DOES INFLAMMATION EXPLAIN THE LINK BETWEEN VITAMIN D AND DEPRESSION? RESULTS OF A CROSS-SECTIONAL AND SECONDARY ANALYSIS OF AN INTERVENTIONAL STUDY IN CHILDREN AND ADOLESCENTS

L. SCHLARBAUM

14:20 - 14:25

ADHERENCE TO THE EAT-LANCET PLANETARY HEALTH DIET, MORTALITY OUTCOMES AND ENVIRONMENTAL IMPACTS AMONG MYOCARDIAL INFARCTION PATIENTS

M. STEUR

14:25 - 14:30

BETTER DIETARY QUALITY IS LINKED TO LOWER PRE- AND POSTNATAL DEPRESSIVE AND ANXIETY SYMPTOMS IN WOMEN WITH OVERWEIGHT AND OBESITY

J. HIETA

14:30 - 14:35

APPLYING CANCER PREVENTION RECOMMENDATIONS AT POPULATION LEVEL: A POLICY BLUEPRINT

I. VLAD

14:35 - 14:40

CHANGES IN THE CRITICAL NUTRIENT CONTENT OF PACKAGED FOODS AND BEVERAGES AFTER THE INITIAL IMPLEMENTATION OF THE PERUVIAN FRONT-OF-PACKAGE WARNING LABEL POLICY: A NONEXPERIMENTAL PROSPECTIVE STUDY

J. LARA-AREVALO

14:40 - 14:45

RELATIONSHIP BETWEEN DIETARY PATTERNS, FOOD MOLECULAR COMPOSITION, AND TYPE 2 DIABETES RISK IN A COLOMBIAN AFRO-DESCENDANT COMMUNITY

V. ORTEGA BURBANO

14:45 - 14:50

HIGH PREVALENCE OF VITAMIN B12 DEFICIENCY IN SUBJECTS WITH ATROPHIC GASTRITIS

K. TANAKA

14:50 - 14:55

EFFECTS OF AN ANTI-INFLAMMATORY DIET ON INFLAMMATION AND OXIDATIVE STRESS PARAMETERS IN PATIENTS WITH KNEE OSTEOARTHRITIS

S. CHMELAR

14:55 - 15:00

CHALLENGES AND OPPORTUNITIES FOR COMMUNITIES AND FOOD INDUSTRIES TO IMPLEMENT THE SODIUM BENCHMARKS FOR PRE-PACKAGE FOOD

N. THI DUC HOANG

15:00 - 15:05

A SURVEY ON NUTRITION LABELLING OF FOOD PRODUCTS ACROSS EIGHT COUNTRIES IN THE WHO EUROPEAN REGION

M. BICA

15:05 - 15:10

COMMUNITY-BASED DIGITAL HEALTH INTERVENTIONS FOR THE PRIMARY PREVENTION OF CARDIOVASCULAR DISEASE IN DEVELOPING ECONOMIES: AN UPDATE OF RECENT EVIDENCE

A. RAMADAS

15:10 - 15:15

FOOD ADDITIVE PRESERVATIVES AND ANTIOXIDANTS AND RISK OF TYPE 2 DIABETES – RESULTS FROM A LARGE PROSPECTIVE COHORT

A. HASENBÖHLER

Monday August 25th

14:00 - 15:30

SOAP 09 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP09

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



14:00 - 14:05

PREVALENCE AND FACTORS ASSOCIATED TO ANAEMIA AMONG ZAMBIAN WOMEN AGED 15 – 49 YEARS OLD. DATA ANALYSIS OF THE 2018 ZAMBIA DEMOGRAPHIC AND HEALTH SURVEYS

G. CHIPILI

14:05 - 14:10

UNDERSTANDING THE ASSOCIATION BETWEEN DEPRESSION AND ANXIETY W.R.T NUTRIENT INTAKE: A SYSTEMATIC REVIEW OF STUDIES ACROSS THE LIFE SPAN

B.T. AERI

14:10 - 14:15

DIETARY BEHAVIORS AND PRACTICES AMONG SCHOOL AGED-CHILDREN AND ADOLESCENTS IN RURAL AREAS: EVIDENCE FROM JORDAN

H. HAMAD

14:15 - 14:20

ASSOCIATION OF FOLATE AND VITAMIN B12 CONCENTRATIONS WITH ADIPOSITY AND LIPID PROFILE AMONG ADULT WOMEN

A. ALJAADI

14:20 - 14:25

COMMUNITY LED SOCIAL AND BEHAVIOR CHANGE INTERVENTIONS: A KEY STRATEGY IN COMBATING MALNUTRITION IN KOTIDO, UGANDA

I. OFWONO

14:25 - 14:30

IRON STATUS, ANTHROPOMETRIC INDICES AND MARKERS OF IMMUNE FUNCTIONS AMONG SCHOOL AGE CHILDREN

J.A. QUADRI

14:30 - 14:35

ASSOCIATIONS BETWEEN SOCIO-DEMOGRAPHIC FACTORS, LIFESTYLE, DIETARY PATTERNS, AND SLEEP BEHAVIOURS AMONG A POPULATION OF CHINESE UNIVERSITY STUDENTS

D. PAN

14:35 - 14:40

PRESCHOOL STEM INTERVENTION MAY IMPROVE DIETARY QUALITY IN CHILDREN (3-5 YEARS): A QUASI-EXPERIMENTAL STUDY MEASURING SKIN CAROTENOIDS USING THE VEGGIE METER

V. STAGE

14:40 - 14:45

DIABETES INTERVENTION INVOLVING PERSON-CENTRED NUTRITIONAL EDUCATION (DINE-TRIAL)

S. RODEBJER CAIRNS

14:45 - 14:50

MATERNAL IRON NUTRITION DURING PREGNANCY AND FETAL INTRAUTERINE GROWTH

J. YANG

14:50 - 14:55

TODAY'S MENU: ADHERENCE TO MEDITERRANEAN DIET IN CROATIA

M. GERIĆ

14:55 - 15:00

SUSTAINABILITY LOGOS AND CLAIMS ON FOOD PACKAGING AND LABELS: THE CASE OF TURKIYE

N. ERSOY

15:00 - 15:05

PROMOTION OF EXCLUSIVE BREAST FEEDING IN LEBANON THROUGH A SALUTOGENIC INTERVENTION

N. RAMADAN

15:05 - 15:10

THE EFFECT OF BETAINE SUPPLEMENTATION ON SEX HORMONES IN OVERWEIGHT/OBESE PRE-MENOPAUSAL FEMALES

E. ZAWIEJA

Monday August 25th

14:00 - 15:40

OAP 11 - FOOD SCIENCE, GASTRONOMY AND LIFE QUALITY

OAP11

ORAL ABSTRACT PRESENTATION

Room 253



14:00 - 14:10

THE EFFECT OF DIFFERENT COOKING METHODS AND FAT TYPES ON THE ESTIMATED GLYCEMIC INDEX VALUE OF POTATOES

F. KAYA ÖZÇAVDAR

14:10 - 14:20

DEVELOPMENT OF MEALWORM-ENRICHED SNACKS AND PORRIDGE FOR FEEDING SCHOOL CHILDREN IN REFUGEE AND HOST COMMUNITIES IN WESTERN UGANDA

O. RIBON MUSOGA

14:20 - 14:30

DEVELOPING AND EVALUATING THE NUTRITIONAL QUALITY AND ACCEPTABILITY OF IMPROVED 'LUAM-NAHAN' PORRIDGE FLOUR FOR PRESCHOOLERS

K. AJAYI

14:30 - 14:40

ASSOCIATION OF RED AND PROCESSED MEAT CONSUMPTION WITH DIABETES IN A REPRESENTATIVE SAMPLE OF U.S. ADULTS (NHANES 2003-2016)

D. BA

14:40 - 14:50

SUPPRESSIVE EFFECT OF CEREAL ALBUMIN ON POSTPRANDIAL BLOOD GLUCOSE ELEVATION AND ITS PHYSICOCHEMICAL PROPERTIES

K. NINOMIYA

14:50 - 15:00

“OPTIMIZATION OF STAPLE CEREALS WITH NUTRI-CEREALS TO ENHANCE NUTRITIONAL VALUE AND SENSORY APPEAL USING A D-OPTIMAL MIXTURE DESIGN: A FOOD-TO-FOOD FORTIFICATION APPROACH”

S. VISHNOI

15:00 - 15:10

UNVEILING THE POTENTIAL OF MORINGA LEAVES (MORINGA OLEIFERA): NUTRITIONAL PROFILING, RECIPE STANDARDIZATION AND SENSORY EVALUATION OF AN UNDERUTILIZED GREEN LEAFY VEGETABLE

P. R C

15:10 - 15:20

HARNESSING WASTE HEAT FOR GRAIN STORAGE: INSIGHTS INTO WHEAT QUALITY PRESERVATION OPTIMIZING WHEAT STORAGE WITH RECOVERED WASTE HEAT: A QUALITY ANALYSIS

S. GADGE

15:20 - 15:30

ESTIMATING NUTRIENTS INTAKE IN EQUATORIAL GUINEA: ELABORATION OF A NUTRIENTS CONVERSION TABLE

M. PRIETO-BERCIANOS,

15:30 - 15:40

"BARLEY BETA-GLUCANS UNDER THE LENS: A SYSTEMATIC INVESTIGATION OF BETA-GLUCAN VARIABILITY IN BARLEY ACROSS PROCESSED FORMS AND INDIAN COOKING METHODS "

S.S. S

Monday August 25th

14:00 - 15:40

OAP 12 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

OAP12

ORAL ABSTRACT PRESENTATION

Room 341



14:00 - 14:10

FOOD-BASED DIETARY GUIDELINES FOR CHILDREN AND ADOLESCENTS AND PLANETARY HEALTH: UPDATE OF THE OPTIMIZED MIXED DIET

H. KALHOFF

14:10 - 14:20

THE POTENTIAL OF CLIMATE CHANGE MENU LABELS TO PROMOTE HEALTHY AND SUSTAINABLE DIETS

J. WOLFSON

14:20 - 14:30

CO-EXPOSURE TO MULTIPLE MYCOTOXINS MAY SYNERGISTICALLY CONTRIBUTE TO COLORECTAL CANCER RISK

I. JACOBS

14:30 - 14:40

FACTORS ASSOCIATED WITH SUSTAINABLE DIETARY PATTERNS: A MULTIDIMENSIONAL ASSESSMENT OF PORTUGUESE ADULTS' DIETS

M. REI

14:40 - 14:50

EXPLORING THE ASSOCIATION BETWEEN MEDITERRANEAN DIET, SUSTAINABLE EATING, AND ECO-ANXIETY: A CROSS-SECTIONAL STUDY ON FOOD CHOICES

H.M. BAYRAM

14:50 - 15:00

ASSOCIATION BETWEEN MINDFUL EATING AND PLANT-BASED DIET: FINDINGS FROM A FRENCH COHORT

S. PÉNEAU,

15:00 - 15:10

BIOAVAILABILITY OF VITAMIN B12 PRODUCED BY PROPIONIBACTERIUM FREUDENREICHII FERMENTATION TO FABA BEAN BREAD: A RANDOMISED CROSS-OVER TRIAL IN HEALTHY VOLUNTEERS

A.M. PAJARI

15:10 - 15:20

SIMILARITY INDEX (NSI) FOR INTERCHANGING FOOD PRODUCTS: FROM QUALITATIVE CLASSIFICATIONS TO QUANTITATIVE INDICATORS

S. PETERS

15:20 - 15:30

DOES WATER INSECURITY MEDIATE THE ASSOCIATIONS BETWEEN CLIMATE EVENTS AND FOOD INSECURITY? AN ANALYSIS FROM 25 LOW- AND MIDDLE-INCOME COUNTRIES

I. BOSE

15:30 - 15:40

THE ISRAELI FOOD SECURITY PLAN FOR 2050 – AN OPPORTUNITY TO RECONSTRUCT THE LOCAL FOOD SYSTEM

N. FLISS ISAKOV

Monday August 25th

14:00 - 15:40

OAP 14 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

OAP14

ORAL ABSTRACT PRESENTATION

Room 342B



14:00 - 14:10

SOCIAL INTERACTIONS FOR SUSTAINABLE FOOD CHOICES: MEETING THE TARGET FOR MEAT INTAKE IN THE UNITED KINGDOM

P. EUSTACHIO COLOMBO

14:10 - 14:20

FROM SALINITY TO GLOBAL FOOD AND HEALTH SECURITY: EXPLORING MORPHO-PHYSIOLOGICAL, BIOCHEMICAL, YIELD AND METABOLICS ADAPTATIONS IN CAPSICUM ANNUM L. UNDER SALINITY STRESS

A. SINGH

14:20 - 14:30

ENHANCING RESILIENCE AND LIVELIHOODS FOR VULNERABLE POPULATIONS THROUGH NUCS ADOPTION

O. ACHARYA

14:30 - 14:40

COMPREHENSIVE GEOGRAPHIC TARGETING INDEX FOR A MULTI-SECTORAL NUTRITION INITIATIVE IN NEPAL

A. SINGH

14:40 - 14:50

FOOD ENVIRONMENT RESILIENCE IN THE CONTEXT OF A CHANGING CLIMATE IN CAMBODIA

S. DOWNS

14:50 - 15:00

**BRIDGING KNOWLEDGE SYSTEMS: A COMMUNITY-BASED PARTICIPATORY FOOD SYSTEMS
APPROACH TO INDIGENOUS FOOD SECURITY AND FOOD SOVEREIGNTY**

S. UDY

15:00 - 15:10

GREENING SCHOOL LUNCH: A PATH TO SUSTAINABLE NUTRITION IN EDUCATION

P. CHURAK

15:10 - 15:20

LINKING CLIMATE CHANGE AND MALNUTRITION INDICATORS IN CHILDREN UNDER FIVE

C. KLAPKA

15:20 - 15:30

**ASSESSING THE ACCEPTABILITY AND HEALTH IMPACTS OF A HEALTHY AND SUSTAINABLE
DIETARY PATTERN (MED_EAT-IT): FINDINGS FROM THE INSTEAD STUDY**

M. TUCCI

15:30 - 15:40

**SUSTAINABILITY OF THE EFFECT OF INTEGRATED AGRICULTURE AND HEALTH-BASED
INTERVENTION PROGRAM IN SOUTHERN PART OF BANGLADESH: ANALYSIS THROUGH THE
LENS OF RE-AIM FRAMEWORK**

N. SHAHEEN

Monday August 25th

14:00 - 15:40

OAP 07 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

OAP07

ORAL ABSTRACT PRESENTATION

Room 243



14:00 - 14:10

SPECIES RICHNESS OF FRUIT AND VEGETABLES AND DIET QUALITY OF ITALIAN ADULTS

A. KALMPOURTZIDOU

14:10 - 14:20

GREENS, GRAINS, AND GROWTH: BUILDING RESILIENCE THROUGH CLIMATE-SMART NUTRITION IN BURKINA FASO

M. POLLAK

14:20 - 14:30

LINKING DIETARY PATTERNS TO FOOD WASTE MANAGEMENT: INSIGHTS FROM MALAYSIAN ONLINE SURVEY

S.K. NACHATAR SINGH

14:30 - 14:40

EFFECTS OF WILDFIRES BURNED AREA ON CONSUMER FOOD PRICE WORLDWIDE: A CONSEQUENCE OF CLIMATE CHANGE

H. MAJEED

14:40 - 14:50

REVITALIZING KWALE'S LOCAL FOOD SYSTEM: LEVERAGING REGENERATIVE AGRICULTURE AND UNDER-UTILIZED FOODS TO TRANSFORM COMMUNITY NUTRITION BEHAVIOURS

F. NAISIANOI

14:50 - 15:00

TRANSITION TOWARDS HEALTHIER AND MORE SUSTAINABLE FOOD HABITS: WHAT IS THE ACTUAL COST FOR PARENTS FACING FINANCIAL HARDSHIP?

B. VERDEAU

15:00 - 15:10

WHAT ALTERNATIVE PROTEINS ARE EXPECTED BY CONSUMERS IN 7 NORTHERN EUROPEAN MEMBER STATES? A BRADLEY-TERRY MODEL

F. PEREZ-CUETO

15:10 - 15:20

INTERLINKING UNDERNOURISHMENT, FOOD INSECURITY, CLIMATE CHANGE, AND DEVELOPMENT: A CROSS-COUNTRY PERSPECTIVE

P. ANANDAN

15:20 - 15:30

ADVANCING COURAGEOUS LEADERSHIP PRACTICES TO TACKLE POWER IMBALANCES AND ACCELERATE CHANGE IN NUTRITION AND FOOD SYSTEMS: THE CASE OF THE NEXT GEN(D)ERATION LEADERSHIP COLLECTIVE

I. PEMJEAN

15:30 - 15:40

UNDERSTANDING RESILIENCE TO ANTHROPOMETRIC MALNUTRITION: WHY SOME CHILDREN THRIVE DESPITE EXTREME POVERTY

A. JALEEL

Monday August 25th

15:45 - 16:15

INNOVATIONS IN ONE HEALTH RESEARCH AND IMPLICATIONS FOR THE NUTRITION FIELD

SL01

SPECIAL LECTURE

Amphitheatre Bleu



LISTE DES INTERVENANTS

SPEAKER(S)

N. MOUSTAÏD-MOUSSA

15:45 - 16:15

INNOVATIONS IN ONE HEALTH RESEARCH AND IMPLICATIONS FOR THE NUTRITION FIELD

N. MOUSTAÏD-MOUSSA

Monday August 25th

15:45 - 16:15

COMPLEX RELATIONSHIPS BETWEEN FOOD BIODIVERSITY, FOOD CONSUMPTION PATTERNS AND ALL CAUSE AND CAUSE SPECIFIC MORTALITY IN EUROPE

SL02

SPECIAL LECTURE

Grand Amphitheatre



LISTE DES INTERVENANTS

SPEAKER(S)

E. RIBOLI

15:45 - 16:15

COMPLEX RELATIONSHIPS BETWEEN FOOD BIODIVERSITY, FOOD CONSUMPTION PATTERNS AND ALL CAUSE AND CAUSE SPECIFIC MORTALITY IN EUROPE

E. RIBOLI

Monday August 25th

15:45 - 16:15

TRANSFORMING AFRICA'S FOOD SYSTEMS TO DELIVER HEALTH DIETS FOR ALL- WHAT WOULD IT TAKE?

SL03

SPECIAL LECTURE

Room 241



LISTE DES INTERVENANTS

SPEAKER(S)

A. LARTEY

15:45 - 16:15

TRANSFORMING AFRICA'S FOOD SYSTEMS TO DELIVER HEALTH DIETS FOR ALL: WHAT WOULD IT TAKE?

A. LARTEY

Monday August 25th

15:45 - 16:15

CHEMICAL DIETARY EXPOSOME- FROM BASIC MECHANISMS TO HEALTH EFFECTS

SL04

SPECIAL LECTURE

Room 242A



LISTE DES INTERVENANTS

SPEAKER(S)

X. COUMOUL

15:45 - 16:15

CHEMICAL DIETARY EXPOSOME: FROM BASIC MECHANISMS TO HEALTH EFFECTS

X. COUMOUL

Monday August 25th

15:45 - 16:15

ROLE OF LIPIDS IN NERVOUS CONTROL OF ENERGY BALANCE

SL05

SPECIAL LECTURE

Room 242B



LISTE DES INTERVENANTS

SPEAKER(S)

C. MAGNAN

15:45 - 16:15

ROLE OF LIPIDS IN NERVOUS CONTROL OF ENERGY BALANCE

C. MAGNAN

Monday August 25th

15:45 - 16:15

BIOACTIVE COMPONENTS OF PLANT FOODS- FROM BENCH TO BED

SL06

SPECIAL LECTURE

Room 251



LISTE DES INTERVENANTS

SPEAKER(S)

F. VISIOLI

15:45 - 16:15

BIOACTIVE COMPONENTS OF PLANT FOODS: FROM BENCH TO BED

F. VISIOLI

Monday August 25th

15:45 - 16:15

PRECISION NUTRITION- HOW DO WE GET THERE?

SL07

SPECIAL LECTURE

Room 252A



LISTE DES INTERVENANTS

SPEAKER(S)

Z. LI

15:45 - 16:15

PRECISION NUTRITION: HOW DO WE GET THERE?

Z. LI

Monday August 25th

15:45 - 16:15

WORLDWIDE TRENDS IN DIABETES PREVALENCE AND TREATMENT FROM THE PAST 30 YEARS

SL08

SPECIAL LECTURE

Room 252B



LISTE DES INTERVENANTS

SPEAKER(S)

B. ZHOU

15:45 - 16:15

WORLDWIDE TRENDS IN DIABETES PREVALENCE AND TREATMENT FROM THE PAST 30 YEARS

B. ZHOU

Monday August 25th

15:45 - 16:15

NUTRITION, AGEING AND THE PROTEIN TRANSITION- ROLE OF A PLANT BASED DIET IN THE PREVENTION OF MUSCLE-LOSS

SL09

SPECIAL LECTURE

Room Maillot



LISTE DES INTERVENANTS

SPEAKER(S)

L. DE GROOT

15:45 - 16:15

NUTRITION, AGEING AND THE PROTEIN TRANSITION: ROLE OF A PLANT BASED DIET IN THE PREVENTION OF MUSCLE-LOSS

L. DE GROOT

Monday August 25th

16:15 - 16:45

BREAK

Exhibition Hall



Monday August 25th

16:45 - 18:15

SOAP 10 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

SOAP10

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



16:45 - 16:50

FOOD ENVIRONMENT COMPONENTS INFLUENCING CONSUMPTION TRENDS OF NEGLECTED AND UNDERUTILIZED SPECIES IN NORTHERN BENIN

M. BANKOLE

16:50 - 16:55

RICE-BASED PRODUCTS FOR CLIMATE-FRIENDLY AND HEALTHIER FILIPINOS: FOOD-BASED SOLUTION TO ADDRESS MALNUTRITION IN CHILDREN AND ADULTS

R. ABILGOS-RAMOS

16:55 - 17:00

ASSOCIATIONS BETWEEN DIET-RELATED GREENHOUSE GAS EMISSIONS AND NUTRIENT INTAKE ADEQUACY AMONG JAPANESE SCHOOL-AGED CHILDREN: CROSS-SECTIONAL ANALYSIS

M. SUGIMOTO

17:00 - 17:05

UMAMI PROGRAM DEVELOPMENT AND RESEARCH PROTOCOL: A TRANSDISCIPLINARY APPROACH TO PRIMARY SCHOOL FOOD EDUCATION

J. HADDAD

17:05 - 17:10

RECONCILING SUSTAINABILITY AND SOVEREIGNTY? THERE IS NO RELATIONSHIP BETWEEN NUTRITIONAL QUALITY, ENVIRONMENTAL IMPACT AND FOOD SOVEREIGNTY IN FRENCH DIETARY PATTERN

M. CERF

17:10 - 17:15

FEMALE-HEADED-HOUSEHOLDS COPING STRATEGIES TO CLIMATE INDUCED FOOD SHORTAGES

C. EKRON

17:15 - 17:20

SUSTAINABLE NUTRITION FOR OLDER ADULTS WITH OBESITY: DEVELOPMENT OF RECIPE BOOKS IN THE 2EAT PROJECT

A. VERREIJEN

17:20 - 17:25

CURRENT HOUSEHOLD PRACTICES FOR PRESERVING INDIGENOUS VEGETABLES: A CROSS-SECTIONAL STUDY TO ADDRESS CLIMATE CHANGE AND ENHANCE GLOBAL HEALTH

J. CHETTY

17:25 - 17:30

DIETARY PATTERNS OF CHILDREN IN RURAL BURKINA FASO SHOW DIVERGENCE BETWEEN HEALTHINESS, AFFORDABILITY AND SUSTAINABILITY OF THE DIET

L. DIOP

17:30 - 17:35

SHIFTING PROTEIN RATIOS IN FOUR EUROPEAN COUNTRIES: DIETARY SUBSTITUTION MODELLING WITH PLANT AND ALTERNATIVE PROTEINS

M.C.. DAAS

17:35 - 17:40

PERCEPTIONS OF DRINKING WATER SAFETY AND TASTE AND ASSOCIATIONS WITH SUGARY DRINK INTAKE IN 5 COUNTRIES: EVIDENCE FROM THE INTERNATIONAL FOOD POLICY STUDY

V. DROLET-LABELLE

17:40 - 17:45

THE RESPECTIVE ROLES OF ANIMAL- AND PLANT-SOURCED FOODS FOR SUSTAINABLE LOWEST-COST NUTRIENT SECURITY IN DEVELOPING LOW- AND MIDDLE-INCOME COUNTRIES

17:45 - 17:50

EDIBLE INSECTS IMPROVE LIPID METABOLISM: POSSIBLE COMPOUNDS AND MECHANISMS FROM A RAT STUDY

M. OCHIAI

17:50 - 17:55

MINIMUM WASTE, MAXIMUM NUTRITION – EXPLORING FOOD WASTE ATTITUDES AND THE ACCEPTABILITY OF ‘ROOT-TO-TIP’ DINING AMONGST CONSUMERS IN A HIGHER EDUCATION INSTITUTION

G. BROWNE

17:55 - 18:00

HOW THE OVER-EATING AFFECTS HUMAN AND PLANET HEALTH: THE ECOLOGICAL IMPACT AND THE METABOLIC FOOD WASTE OF OVERWEIGHT AND OBESE INDIVIDUALS

D. ANGELINO

Monday August 25th

16:45 - 18:15

SOAP 11 - PRECISION AND CLINICAL NUTRITION

SOAP11

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



16:45 - 16:50

PARTIALLY UNRAVELING MECHANISTIC UNDERPINNING AND WEIGHT LOSS EFFECTS OF TIME-RESTRICTED EATING ACROSS DIVERSE ADULT POPULATIONS: A SYSTEMATIC REVIEW AND META-ANALYSES OF PROSPECTIVE STUDIES

D. TRAN

16:50 - 16:55

THE EFFECTS OF SYNBIOTICS SUPPLEMENTATION ON REDUCING CHEMOTHERAPY-INDUCED SIDE EFFECTS IN WOMEN WITH BREAST CANCER: A RANDOMIZED PLACEBO-CONTROLLED DOUBLE-BLIND CLINICAL TRIAL

F. SHIDFAR

16:55 - 17:00

IN-DEPTH ANALYSIS OF THE ADVERSE IMPACT OF SARCOPENIA ON PERIOPERATIVE MANAGEMENT IN LUNG CANCER PATIENTS: A PROSPECTIVE COHORT STUDY

P. WANG

17:00 - 17:05

PREDICTION OF GESTATIONAL DIABETES MELLITUS USING CONTINUOUS GLUCOSE MONITORING METRICS

L.W. CHEN

17:05 - 17:10

REAL-WORLD CONSUMER OUTCOMES IN INDIVIDUALS SUBSCRIBED TO A PERSONALIZED NUTRITION MEAL DELIVERY PROGRAM IN FRANCE

T. SWARTZ

17:10 - 17:15

DEVELOPMENT OF READY-TO-USE THERAPEUTIC FOOD (RUTF) USING LOCALLY AVAILABLE FOODS AND ASSESSMENT OF ITS EFFECTIVENESS IN RATS

E. BUMBA

17:15 - 17:20

TAILORED FOOD AS MEDICINE PROGRAM AS AN EFFECTIVE APPROACH TO IMPROVE CLINICAL OUTCOMES AMONG LOWER RESOURCE ADULTS EXPERIENCING FOOD INSECURITY AND HYPERTENSION

A. GUSTAFSON

17:20 - 17:25

NAVIGATING DIETARY ADVICE AND ILEOSTOMY: INSIGHTS FROM PATIENTS AND HEALTHCARE PROFESSIONALS

N. MAGEE

17:25 - 17:30

PREVALENCE OF VITAMIN C DEFICIENCY AND ITS ASSOCIATION WITH STROKE RISK AMONG U.S. ADULT POPULATION: A CROSS-SECTIONAL ANALYSIS SPANNING 15 YEARS WITH OVER 13,000 PARTICIPANTS

D. TRAN

17:30 - 17:35

THE IMPACT OF PROBIOTIC YOGURT VERSUS ORDINARY YOGURT ON SERUM STWEAK, SCD163, ADMA, LCAT AND BUN IN PATIENTS WITH CHRONIC HEART FAILURE: A RANDOMIZED, TRIPLE-BLIND, CONTROLLED TRIAL

F. SHIDFAR

17:35 - 17:40

DEVELOPMENT AND VALIDATION OF THE SYSTEMIC NUTRITION/INFLAMMATION INDEX FOR IMPROVING PERIOPERATIVE MANAGEMENT OF NON-SMALL CELL LUNG CANCER

P. WANG

17:40 - 17:45

PERSONALIZED PARENTERAL NUTRITION ON INFLAMMATION, NUTRITIONAL STATUS AND CLINICAL RECOVERY IN CRITICALLY ILL PATIENTS: A SYSTEMATIC REVIEW AND META-

ANALYSIS

O. GATAR

17:45 - 17:50

ADULTS WITH COELIAC DISEASE LIVING GLUTEN FREE: INFLUENTIAL SOURCES OF DIETARY INFORMATION

Y. JEANES

17:50 - 17:55

IMPACT OF MEDITERRANEAN DIET ON PROCOAGULANT ACTIVITY OF ENDOTHELIAL MICROPARTICLES

R. CASAS

Monday August 25th

16:45 - 18:15

SOAP 12 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP12

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



16:45 - 16:50

IMPROVING THE DIET FOR CHILDREN AGED 6-23 MONTHS IN AN EMERGENCY CONTEXT: THE EXPERIENCE WITH CASH FOR NUTRITION OUTCOME IN ETHIOPIA

S. DEMEKE

16:50 - 16:55

HOUSEHOLD SOCIODEMOGRAPHIC CHARACTERISTICS AND FOOD AWAY FROM HOME TRENDS IN MALAYSIA: AN ANALYSIS OF THE HOUSEHOLD EXPENDITURE SURVEY

A.N. TEOH

16:55 - 17:00

EFFECTS OF THE RED APRON PROJECT: A CASE ANALYSIS OF SHIMOKAJIRO DANCHI, FUKUSHIMA PREFECTURE THROUGH MIXED METHODS RESEARCH

Y. KINOSHITA

17:00 - 17:05

ASSOCIATION BETWEEN FOOD CONSUMPTION OF BRAZILIAN SCHOOLCHILDREN AND THE INTERSECTION OF RACE/SKIN COLOR AND GENDER

D. CANELLA

17:05 - 17:10

ANTENATAL CARE SEEKING AND MATERNAL SUPPLEMENT USE IN BANGLADESH: PRACTICES AND PREFERENCES OF PREGNANT WOMEN

M. HOSSAIN

17:10 - 17:15

A FOLLOW-UP STUDY ON THE PUBLIC-PRIVATE PARTNERSHIP IN THE “GHANA NUTRITION IMPROVEMENT PROJECT” ANALYZED WITH MIT D-LAB’S P.ACT (PARTNERSHIP CO-DESIGN TOOLKIT)

Y. TORIDE

17:15 - 17:20

RANDOMISED CONTROLLED TRIAL ON A BREASTFEEDING INTERVENTION TO IMPROVE EXCLUSIVE BREASTFEEDING RATES IN THE FIRST SIX MONTHS POSTPARTUM IN BRUNEI DARUSSALAM

F. AMIN

17:20 - 17:25

THE ROLE OF IRON DEFICIENCY AND FACTORS ASSOCIATED WITH ANEMIA DURING PREGNANCY IN SOUTHEASTERN TIGRAY, ETHIOPIA

T. BEREKET

17:25 - 17:30

DETERMINANTS OF BODY COMPOSITION AMONG 6-15 MONTH-OLD KENYAN CHILDREN FED ON COMPLEMENTARY FOODS WITH EDIBLE TERMITES AND SMALL FISH: A LONGITUDINAL STUDY

S. KONYOLE

17:30 - 17:35

THE ROLE OF COMMUNITIES TO SUPPORT NUTRITION INTERVENTIONS FOR WOMEN AND CHILDREN IN HUMANITARIAN RESPONSE: A RAPID REVIEW

A. IELLAMO

17:35 - 17:40

POST-WEANING RESULTS FROM A RANDOMIZED CONTROLLED TRIAL ON WEIGHT AND CARDIOMETABOLIC RISK FACTORS - EFFECTS OF BREASTFEEDING PROMOTION INTERVENTION AND DIETARY TREATMENT IN POSTPARTUM WOMEN WITH OVERWEIGHT AND OBESITY

E.A. ØHMAN

17:40 - 17:45

EVALUATION OF THE YES TO VEG! PROGRAMME, A FOOD SYSTEMS APPROACH TO PROMOTE VEGETABLE ACCESS IN PRE-SCHOOL AGED CHILDREN ATTENDING NURSERIES

IN SOCIOECONOMICALLY DEPRIVED AREAS OF GLASGOW, SCOTLAND

A.L.. GARCIA

17:45 - 17:50

EFFECT OF EXERCISE AND ACUTE AND CHRONIC GALACTO-OLIGOSACCHARIDE
SUPPLEMENTATION ON INFLAMMATION AND IRON ABSORPTION IN FEMALE ATHLETES

M.A.. UYOGA

17:50 - 17:55

EXPLORING FOOD AUTONOMY: A STUDY ON JOHANNESBURG ADULTS' CONTROL OVER
FOOD CHOICES AND ACCESS

A. PIETERS

17:55 - 18:00

CORRELATES OF FOOD INSECURITY AMONG UNIVERSITY STUDENTS IN A DISADVANTAGED
SOCIOECONOMIC AREA IN FRANCE

H. DEHOVE

Monday August 25th

18:30 - 20:00

1ST PART ASSEMBLY

AS1

ASSEMBLY

Room Maillot



Tuesday August 26th

08:00 - 09:30

SOAP 13 - BASIC RESEARCH IN NUTRITION

SOAP13

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



08:00 - 08:05

WHITE BEANS ARE A PROMISING MARKET CLASS FOR DELIVERING MORE BIOAVAILABLE IRON TO CONSUMERS IN GHANA

C.B. WIREDU

08:05 - 08:10

THE RELATIVE VALIDITY OF 24-HOUR DIETARY RECALLS CONDUCTED VIA TELEPHONE AGAINST A 4-DAY FOOD RECORD TO ESTIMATE FOOD GROUP INTAKES IN A CONVENIENCE SAMPLE OF ADULTS IN IRELAND

H. AL-SEHAIM

08:10 - 08:15

MINDFUL EATING AND PERCEIVED STRESS: INSIGHTS FROM AN ADULT POPULATION STUDY

Ş. KALKUZ

08:15 - 08:20

UNDERSTANDING ESSENTIAL AMINO ACID REQUIREMENTS TO OPTIMISE DIETARY PROTEIN SUSTAINABILITY

C. STARCK

08:20 - 08:25

COMPARATIVE IN VIVO AND IN VITRO PROTEIN AND AMINO ACID DIGESTIBILITY FOR DIFFERENT PLANT-BASED FOODS AND INGREDIENTS

I. RECIO

08:25 - 08:30

RELATIONSHIP BETWEEN EATING HABITS, PHYSICAL ACTIVITIES AND WEIGHT STATUS IN STUDENTS OF THE TOFFA 1ST HIGH SCHOOL IN PORTO-NOVO

P.C. HOUETO

08:30 - 08:35

THE ROLE OF PECTIN IN MODULATING BETA-CAROTENE BIOACCESSIBILITY UNDER VARIOUS GASTROINTESTINAL DIGESTION CONDITIONS

A. SHUKLA

08:35 - 08:40

ABSORPTION, UTILIZATION AND METABOLIC MECHANISM OF SIALYLLACTOSE, A HUMAN MILK OLIGOSACCHARIDE

B. WANG

08:40 - 08:45

FOLIC ACID PROTECTS AGAINST TUBERCULOSIS-DRUG-INDUCED LIVER INJURY IN RATS AND ITS POTENTIAL MECHANISM BY METABOLOMICS

J. WANG

08:45 - 08:50

EVALUATING THE PROTECTIVE ROLE OF FISH OIL AGAINST CHRONIC ALCOHOL-INDUCED BRAIN DAMAGE

Q. XIAO

08:50 - 08:55

INVESTIGATING THE ROLE OF PEANUT CONSUMPTION IN ANTHROPOMETRIC PARAMETERS IN PREADOLESCENTS

E. GUTIÉRREZ-ALCALDE

08:55 - 09:00

INTESTINAL FUNCTION MODULATION OF DAIRY PHOSPHOLIPID BY-PRODUCTS FOLLOWING IN VITRO STATIC DIGESTION

M. LEMAIRE

09:00 - 09:05

REIMAGINING ANTHROPOMETRIC MEASUREMENTS: AI-POWERED HEIGHT PREDICTION AND MALNUTRITION CLASSIFICATION – A PILOT STUDY IN NEPAL

M. KAHRAMAN

09:05 - 09:10

EFFECTS OF LUPIN SEEDS CONSUMPTION ON METABOLIC MARKERS IN HEALTHY SUBJECTS

C. BRAVO-TRIPPETTA

09:10 - 09:15

ASSESSING THE STABILITY OF DIETARY DERIVED MICRORNAS AS NOVEL FOOD BIOACTIVES AND BIOMARKERS OF INTAKE

M. CIFUENTES ACEBAL

09:15 - 09:20

INFLUENCE OF PATERNAL DIET ON OFFSPRING METABOLIC HEALTH USING DIET INDUCE OBESE MICE

L. RAMALINGAM

Tuesday August 26th

08:00 - 09:30

SOAP 14 - NON COMMUNICABLE DISEASES

SOAP14

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



08:00 - 08:05

NON-FERMENTED DAIRY INTAKE AND COGNITIVE FUNCTION IN OLDER ADULTS: A MENDELIAN RANDOMIZATION STUDY

P. CHOCANO-BEDOYA

08:05 - 08:10

ASSOCIATION OF BODY MASS INDEX FOR AGE WITH ADIPOKINES IN CHILDREN (AGED 8-14 YEARS) BORN AT TERM WITH LOW BIRTHWEIGHT

Y. GUSAIN

08:10 - 08:15

FRONT-OF-PACK NUTRITION LABELLING TO PROMOTE HEALTHIER DIETS: A FIVE-YEAR UPDATE ON CURRENT PRACTICE AND OPPORTUNITIES TO FURTHER STRENGTHEN REGULATION WORLDWIDE

A. JONES

08:15 - 08:20

THE OFFSPRING'S B-CELL MATURATION PROCESS DURING THE SUCKLING PERIOD AND THEIR INSULIN SENSITIVITY IN ADULTHOOD ARE DIFFERENTLY IMPACTED DEPENDING FROM HYPERGLYCEMIC OR EUGLYCEMIC DAMS

P. BOBIN

08:20 - 08:25

BENEFICIAL EFFECT OF FLAVONOIDS INTAKE ON HDL-C IN INDIVIDUALS WITH METABOLIC SYNDROME

L. PEDROSA

08:25 - 08:30

ASSOCIATION BETWEEN BLOOD PRESSURE AND WAIST-TO-HEIGHT RATIO IN SCHOOLCHILDREN AGED 6 TO 8 YEARS IN THE VALPARAÍSO REGION, CHILE

M. CROVETTO MATTASSI

08:30 - 08:35

MOTIVATION AND OBSTACLES TO DIETARY MODIFICATION PROGRAM AMONG URBAN POOR HYPERTENSION PATIENTS

N.A. AZIZAN

08:35 - 08:40

ULTRA-PROCESSED DIETARY PATTERN ADHERENCE AND IRRITABLE BOWEL SYNDROME: EVALUATING THE ASSOCIATION USING DIFFERENT DIAGNOSTIC METHODS

G. ANDRADE

08:40 - 08:45

INTERMITTENT FASTING COMPARED TO CONTINUOUS ENERGY RESTRICTION: 18 MONTH WEIGHT AND CARDIOMETABOLIC OUTCOMES FROM THE SHIFTING WEIGHT USING INTERMITTENT FASTING IN NIGHT SHIFT WORKERS (SWIFT) RANDOMISED CLINICAL TRIAL

M. BONHAM

08:45 - 08:50

ASSOCIATIONS OF FASTING BLOOD GLUCOSE AND HBA1C WITH FIBRINOGEN AND BLOOD CLOT CHARACTERISTICS AND INTERACTIONS WITH OF GENETIC POLYMORPHISMS

C. NIENABER-ROUSSEAU

08:50 - 08:55

PREVENTION OF BREAST TUMOURS BY B-GLUCOGALLIN IN AN OBESE RAT MODEL WITH IMPAIRED GLUCOSE TOLERANCE: IMPLICATIONS AS A CHEMOPREVENTIVE AGENT

P. KALLAMADI

08:55 - 09:00

EVALUATION OF NUTRITIONAL, ANTHROPOMETRIC, AND PSYCHOLOGICAL OUTCOMES IN DIFFERENT METABOLIC AND BARIATRIC SURGERY TECHNIQUES: A FOLLOW UP STUDY

E. HOJAJI

09:00 - 09:05

TAXATION OF FOODS HIGH IN FAT, SUGAR AND SODIUM IN INDIA: A MODELLING STUDY OF HEALTH AND ECONOMIC IMPACTS

M. SHARMA

09:05 - 09:10

THE ASSOCIATION BETWEEN GAMMA-GLUTAMYL TRANSFERASE AND METABOLIC SYNDROME AND ITS COMPONENTS AMONG ADOLESCENTS APPLYING INTERNATIONAL DIABETES FEDERATION (IDF) AND COOK'S CRITERIA

F. ESMAEILI

09:10 - 09:15

SERUM MELATONIN AND RISK OF TYPE 2 DIABETES AND HYPERTENSION: GENETIC INSIGHTS AND IMPLICATIONS FOR FUTURE NUTRITIONAL RECOMMENDATIONS

L. YAN

Tuesday August 26th

08:00 - 09:30

SOAP 15 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP15

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



08:00 - 08:05

ASSOCIATION BETWEEN FOOD INSECURITY AND SOCIOECONOMIC INDICATORS OF THE 2030 AGENDA IN BRAZIL: 2013 - 2023

L. MOURA

08:05 - 08:10

POLICE MISTRUST AND DIET QUALITY: EXAMINING THE IMPORTANCE OF PSYCHOSOCIAL FACTORS IN PREDOMINANTLY BLACK COMMUNITIES

A. RICHARDSON

08:10 - 08:15

ENABLERS AND BARRIERS OF FEEDING OF SMALL AND/OR SICK NEWBORNS IN GHANA

H.F. LASHTEW

08:15 - 08:20

REFUGEE SETTLEMENT SERVICE WORKERS ROUTINELY USE PRINT INFORMATION RESOURCES TO ASSIST REFUGEE CLIENTS WITH FOOD SECURITY CHALLENGES

J.M. WOOD

08:20 - 08:25

DETERMINANTS OF CHILDHOOD UNDERNUTRITION IN HO INDIGENOUS COMMUNITY OF JHARKHAND, INDIA

R. KAPOOR

08:25 - 08:30

DEVELOPMENT AND EVALUATION OF A HEALTHY EATING INDEX FOR ZAMBIA

08:30 - 08:35

A SYSTEMATIC REVIEW AND META-ANALYSIS ON DIETARY BEHAVIOURS AND THE DEVELOPMENT OF OBESITY: AN OBCT STUDY

L. BERTONI

08:35 - 08:40

MULTI-LEVEL INDICATORS FOR STUNTING REDUCTION RELEVANT AT SUB-NATIONAL LEVEL

L. DU PLESSIS

L. DU PLESSIS

L. DU PLESSIS

L. DU PLESSIS

08:40 - 08:45

COMMERCIALLY PRODUCED FOOD FOR CHILDREN AGED 6-36 MONTHS AND POLICY GAPS IN CHINA

J. HAN

08:45 - 08:50

PREVALENCE AND RISK FACTORS OF METABOLIC SYNDROME AMONG SECONDARY SCHOOL TEACHERS

A. MADUFORO

08:50 - 08:55

APPETITE LOSS ACROSS THE LIFESPAN: INSIGHTS FROM BIOLOGICAL MARKERS

A. TURESSON

08:55 - 09:00

DIABETES-RELATED DIETARY PATTERNS AND ENDOMETRIAL CANCER RISK AND SURVIVAL IN THE EPIC STUDY

L.F. TORRES LAITON

09:00 - 09:05

THE ASSOCIATION BETWEEN PHYSICAL ACTIVITY AND FASTING PLASMA GLUCOSE MEDIATED BY BODY-FAT PERCENTAGE, AND MODERATED BY SERUM LIPIDS, AMONG

Q. ZOU

09:05 - 09:10

PARENTAL KNOWLEDGE AND PERCEPTIONS OF VITAMIN D FOR CHILDREN AGED 4 -11 YEARS IN NORTHERN IRELAND

E. ROYLE

09:10 - 09:15

EXPLORING THE INFLUENCE OF VEGETARIAN AND NON-VEGETARIAN DIETS ON DIETARY INTAKE, MATERNAL HEALTH AND INFANT BIRTH WEIGHT OUTCOME OF PREGNANT WOMEN BELONGING TO UPPER SOCIO-ECONOMIC STRATA (SES)

P. ARORA

Tuesday August 26th

09:30 - 10:00

BREAK

Exhibition Hall



Tuesday August 26th

10:00 - 11:00

SUPPORTING MATERNAL AND CHILD NUTRITION IN POLYCRISES- WHAT CAN AND SHOULD BE DONE?

PL4

PLENARY LECTURE

Amphitheatre Bleu



LISTE DES INTERVENANTS

SPEAKER(S)

Z. BHUTTA

Tuesday August 26th

10:00 - 11:00

DIET, CHRONIC DISEASE, AND HEALTHY AGING- INSIGHTS FROM DECADES-LONG COHORT STUDIES

PL3

PLENARY LECTURE

Grand Amphitheatre



LISTE DES INTERVENANTS

SPEAKER(S)

F.B.. HU

10:00 - 11:00

DIET, CHRONIC DISEASE, AND HEALTHY AGING: INSIGHTS FROM DECADES-LONG COHORT STUDIES

F.B.. HU

Tuesday August 26th

10:00 - 14:00

FASHION DISCOVERY TOUR

TT1

TECHNICAL TOURS

Paris



DESCRIPTION

Description: Enjoy a private guided visit led by an expert guide. Discover the secrets of the "Maisons de Haute Couture" (Chanel, Diort, Louis Vuitton, Hermès...). From the Village Royal to Rue Saint-Honoré, by Place Vendôme. Enjoy history and anecdotes of this so chic parisian area. In addition to this, discover the iconic Galliera Museum, where fashion meets art, with an expert guide to unveil the timeless legacy OR discover the Petit Palais celebrating the elegance of haute couture. The final program will be soon available. Date : August, 26th 2025 Time : 10:00am - 2:00pm (subject to change) - 4 hours tour. Price (per person): 150€ (inc. VAT) Tour includes: · English Tour Guide · Entrance tickets · Headphones · Lunch bag

Tuesday August 26th

11:15 - 12:45

SOAP 16 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

SOAP16

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



11:15 - 11:20

**HEMOGLOBIN MEDIATES ASSOCIATION BETWEEN AIR POLLUTION AND GROWTH:
MODERATING EFFECTS OF NUTRITION**

X. JIN

11:20 - 11:25

**THE ENVIRONMENTAL IMPACT OF DIET IN LATIN AMERICAN POPULATIONS: A SYSTEMATIC
REVIEW AND META-ANALYSIS**

C. ARAYA-BASTIAS

11:25 - 11:30

**PERCEPTIONS OF A MORE PLANT-BASED DIET IN A WESTERN EUROPEAN COUNTRY:
PERSONAL DIETARY HABITS, EDUCATION AND CURRICULUM IN SCHOOLS, AND SUBSIDIES
TO FARMERS PRODUCING PLANT-BASED FOODS**

I. THORSODOTTIR

11:30 - 11:35

**ENHANCING DIVERSITY AND ENVIRONMENTAL SUSTAINABILITY OF SUPPLEMENTARY
NUTRITION PROGRAM UNDER INTEGRATED CHILD DEVELOPMENT SERVICES SCHEME:
STAKEHOLDERS' PERCEPTIONS FROM RURAL CHHATTISGARH, INDIA**

A. DHASMANA

11:35 - 11:40

HARNESSING COMMUNITY POWER TO COMBAT CLIMATE-DRIVEN MALNUTRITION IN NIGER

M. POLLAK

11:40 - 11:45

SUSTAINABILITY NUTRITION BALANCE: A METRIC INTEGRATING NUTRITION AND ENVIRONMENTAL IMPACT OF FOODS IN THE CONTEXT OF WHOLE DIETS

A. GRASSO

11:45 - 11:50

DO PLANT-BASED FOODS FACILITATE A SUSTAINABLE DIETARY TRANSITION IN EUROPE? RESULTS OF A SURVEY IN 9 EU COUNTRIES

F. PEREZ-CUETO

11:50 - 11:55

OPTIMIZATION OF CHILDREN'S DIETS IN BURKINA FASO TOWARDS HEALTHIER, MORE AFFORDABLE, AND SUSTAINABLE DIETS

L. DIOP

11:55 - 12:00

FROM GOATS TO GARDENS: TRANSFORMING FOOD AND NUTRITION SECURITY THROUGH LOCAL CLIMATE-SENSITIVE SOLUTIONS IN NIGER

M. POLLAK

12:00 - 12:05

MICROBIAL COMMUNITY ASSEMBLY AND METABOLIC DIVERSITY IN A LEGUME-BASED MATRIX (SYMPOSIUM BIOSPHERA)

A. ADAMA HONDEGLA

12:05 - 12:10

PHYSICOCHEMICAL CHARACTERISTICS OF THE PULP, SEEDS, AND POMACE OF UNDERUTILIZED BAELE (AEGLE MARMELOS) FRUIT

A. KUMARI

12:10 - 12:15

DIET QUALITY AND SUSTAINABLE LIFESTYLES, IBERO-AMERICAN MULTICENTER STUDY

D.A. SAMUEL

12:15 - 12:20

PSYCHOMETRIC EVALUATION OF THE GERMAN VERSION OF THE SUSTAINABLE FOOD CHOICE QUESTIONNAIRE (SUS-FCQ) IN A REPRESENTATIVE GERMAN SAMPLE

U. GISCH

12:20 - 12:25

**RELATIVE ENVIRONMENTAL IMPACTS AND MONETARY COST OF FOOD CATEGORIES:
FUNCTIONAL UNIT MATTERS**

F. VIEUX

12:25 - 12:30

**KEY TRANSITIONS TOWARDS A HEALTHIER AND MORE SUSTAINABLE FOOD ENVIRONMENT
IN DUTCH HOSPITALS**

G. POT

Tuesday August 26th

11:15 - 12:45

SOAP 17 - PRECISION AND CLINICAL NUTRITION

SOAP17

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



11:15 - 11:20

CHRONOTYPES AND EATING SPEED ON BODY COMPOSITION: UNLOCKING NEW PATHS IN OBESITY MANAGEMENT IN PATIENTS UNDERGOING BARIATRIC SURGERY APPOINTMENTS

A.M. RABAÇA

11:20 - 11:25

EFFECT OF A LOW CHO/HIGH PROTEIN BREAKFAST COMPARED TO A CONTROL BREAKFAST ON GLYCEMIC RESPONSE IN PREGNANT WOMEN WITH GESTATIONAL DIABETES: A RANDOMIZED CROSSOVER STUDY

L. DUARTE

11:25 - 11:30

IMPROVING NUTRITIONAL STATUS AMONG HIV-POSITIVE CAMBODIAN CHILDREN: IMPACT OF A FISH-BASED READY-TO-USE THERAPEUTIC FOOD ON WEIGHT GAIN AND MICRONUTRIENT AND POLYUNSATURATED FATTY ACID STATUS

S. SIGH

11:30 - 11:35

A CAUSAL EFFECT OF SERUM 25(OH)D LEVEL ON APPENDICULAR MUSCLE MASS: EVIDENCE FROM NHANES DATA AND MENDELIAN RANDOMIZATION ANALYSES

Q. REN

11:35 - 11:40

EVIDENCE-BASED GUIDELINES FOR THE DIETARY MANAGEMENT OF CHRONIC CONSTIPATION IN ADULTS: SYSTEMATIC REVIEWS OF RANDOMISED CONTROLLED TRIALS, GRADE APPROACH AND DELPHI EXPERT CONSENSUS

E. DIMIDI

11:40 - 11:45

EATING HABITS AND SPECIFIC FOODS AND THEIR ASSOCIATION WITH GASTROINTESTINAL SYMPTOMS IN PATIENTS WITH FUNCTIONAL DYSPESIA AND IRRITABLE BOWEL SYNDROME

S. NYBACKA

11:45 - 11:50

HOW DOES THE USE OF BIOELECTRICAL IMPEDANCE SPECTROSCOPY VS CALF-CIRCUMFERENCE IMPACT THE MALNUTRITION DIAGNOSIS ACCORDING TO THE GLOBAL LEADERSHIP INITIATIVE ON MALNUTRITION (GLIM) IN PATIENTS WITH CHRONIC KIDNEY DISEASE?

M. DIETRICHSON

11:50 - 11:55

GINSENOSIDE RB1 DECREASES TOTAL CHOLESTEROL AND APOLIPOPROTEIN A IN PATIENTS WITH HYPERCHOLESTEROLEMIA: A RANDOMIZED DOUBLE-BLIND PLACEBO CONTROLLED TRIAL

L. ZHA

11:55 - 12:00

SYSTEMIC BIOLOGICAL MECHANISMS UNDERPIN POOR POST-DISCHARGE GROWTH AMONG SEVERELY WASTED CHILDREN WITH HIV

E. MUDIBO

12:00 - 12:05

COMPARATIVE EVALUATION OF POINT-OF-CARE HEMOGLOBIN MEASUREMENT AND STANDARD AUTOANALYZER USING VENOUS BLOOD SAMPLE FOR ANEMIA DIAGNOSIS

K. RAMANUJAM

12:05 - 12:10

METABOLOMIC SIGNATURE OF ULTRA-PROCESSED FOOD INTAKE IN ASSOCIATION WITH COLORECTAL CANCER RISK

M. DU

12:10 - 12:15

CROSS-SECTIONAL ASSOCIATIONS BETWEEN SATURATED FAT INTAKES FROM MEAT, DAIRY AND DESSERTS AND BIOMARKERS AND METABOLITES OF CARDIOMETABOLIC RISK IN THE

UK BIOBANK COHORT STUDY

L. CHAVEZ-ALFARO

12:15 - 12:20

ASSOCIATIONS BETWEEN DIETARY PATTERNS, GUT MICROBIOME DIVERSITY, AND ITCH SEVERITY IN PRESCHOOL AGED CHILDREN WITH ATOPIC DERMATITIS: A CROSS-SECTIONAL STUDY

J. YAN

12:20 - 12:25

EFFECTS OF A HIGH-FIBER DIET AND MODERATE-INTENSITY EXERCISE ON THE GUT MICROBIOTA OF CHILDREN: A RANDOMIZED CONTROLLED TRIAL

Z. ZHANG

Tuesday August 26th

11:15 - 12:45

SOAP 18 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP18

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



11:15 - 11:20

A COMMUNITY ASSET MAP OF CONTEXTUAL DETERMINANTS OF ENVIRONMENTAL FACTORS INFLUENCING NUTRITION, WELLBEING AND SOCIAL ENGAGEMENT OF OLDER ADULTS

S.D. AMENYAH

11:20 - 11:25

FEEDING BEHAVIOUR AND SATIATION RESPONSES IN MALNOURISHED AND HEALTHY CHILDREN IN URBAN GHANA: IMPLICATIONS FOR CAREGIVER PRACTICES AND CHILD NUTRITION

E. NORTEY

11:25 - 11:30

ADDRESSING ACUTE MALNUTRITION USING A HOLISTIC MULTICRITERIA APPROACH BEYOND WEIGHT GAIN (IN A PRECLINICAL MODEL)

A. BECHOFF

11:30 - 11:35

MULTI-TRAJECTORIES OF MACRONUTRIENT INTAKE AND ALL-CAUSE MORTALITY, HYPERTENSION AMONG CHINESE ADULTS: RESULTS FROM THE CHINA HEALTH AND NUTRITION SURVEY (1991–2015)

D. GANGQIANG

11:35 - 11:40

INTEGRATING MATERNAL, INFANT AND YOUNG CHILD NUTRITION SERVICES INTO THE HEALTHCARE SYSTEM DURING CONFLICT: THE EXPERIENCE IN UKRAINE

11:40 - 11:45

FORMULATION OF PROBIOTIC-ENRICHED COMPLEMENTARY FOOD AND ASSESSMENT OF ITS ANTIMICROBIAL PROPERTIES AGAINST COMMON ENTEROPATHOGENS

M. SHARMA

11:45 - 11:50

ENHANCING MATERNAL HEALTH: COVERAGE, ADHERENCE, AND THE ROLE OF FRONTLINE WORKERS IN THE MULTIPLE MICRONUTRIENT SUPPLEMENT PROGRAM

T.T. DUONG

11:50 - 11:55

MAPPING THE EXTENT OF IMPLEMENTATION OF SCHOOL FOOD AND NUTRITION INTERVENTIONS AT POLICY AND SCHOOL LEVELS IN KENYA

A. RITHO

11:55 - 12:00

THE ASSOCIATION BETWEEN TOTAL, ANIMAL-BASED, AND PLANT-BASED PROTEIN INTAKE AND COGNITIVE FUNCTION AND DECLINE IN COMMUNITY-DWELLING OLDER ADULTS

H. WIJNHOFEN

12:00 - 12:05

FOOD INSECURITY AND BODY MASS INDEX ARE ASSOCIATED WITH DEPRESSIVE SYMPTOMS AMONG ADOLESCENTS IN YOGYAKARTA PROVINCE, INDONESIA, DURING THE COVID-19 PANDEMIC: A ONE-YEAR LONGITUDINAL STUDY

M. ASRULLAH

12:05 - 12:10

IODINE INTAKE IN TRANSITION: FROM TABLE SALT TO PROCESSED FOODS IN SENEGAL

R. WEGMÜLLER

12:10 - 12:15

EFFECT OF SEX AND OBESITY INDICES ON CARDIOMETABOLIC RISK AMONG CHILDREN AGED 10–16 YEARS

R. KURIYAN

12:15 - 12:20

IMPACT ON FOOD INSECURITY AND WELL-BEING OF A “CASH PLUS” PROGRAM COMBINING CASH TRANSFERS, SOCIAL ORIENTATION AND WORKSHOP ON SUSTAINABLE DIETS: A RANDOMIZED CONTROLLED TRIAL AMONG VULNERABLE HOUSEHOLDS IN FRANCE

M. PERIGNON

12:20 - 12:25

THE POWER OF CULTURE: UNCOVERING THE SOCIAL CONTEXT WITH COMMUNITIES IN NIGER

A. BOUBACAR

12:25 - 12:30

THE URBAN AND RURAL FOOD ENVIRONMENT IN ZAMBIA AND ITS ASSOCIATION WITH DIET QUALITY

T. CHIRWA-MOONGA

Tuesday August 26th

12:45 - 14:00

LUNCH BREAK

Exhibition Hall



Tuesday August 26th

13:00 - 13:45

LUNCHEON SEMINAR 10

LS10

LUNCHEON SEMINAR

Room Maillot



Tuesday August 26th

13:00 - 13:45

LUNCHEON SEMINAR - AMERICAN PISTACHIO GROWERS

LS11

LUNCHEON SEMINAR

Room 241



Tuesday August 26th

13:00 - 13:45

LUNCHEON SEMINAR - HTBA

LS12

LUNCHEON SEMINAR

Room 242A



Tuesday August 26th

13:00 - 13:45

LUNCHEON SEMINAR - ROUSSELOT

LS13

LUNCHEON SEMINAR

Room 242B



Tuesday August 26th

13:00 - 13:45

LUNCHEON SEMINAR 14

LS14

LUNCHEON SEMINAR

Room 243



Tuesday August 26th

13:00 - 13:45

LUNCHEON SEMINAR 15

LS15

LUNCHEON SEMINAR

Room 251



Tuesday August 26th

13:00 - 13:45

LUNCHEON SEMINAR 16

LS16

LUNCHEON SEMINAR

Room 252A



Tuesday August 26th

13:00 - 13:45

LUNCHEON SEMINAR 17

LS17

LUNCHEON SEMINAR

Room 252B



Tuesday August 26th

13:00 - 13:45

LUNCHEON SEMINAR 18

LS18

LUNCHEON SEMINAR

Room 253



Tuesday August 26th

14:00 - 15:30

OAP 15 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP15

ORAL ABSTRACT PRESENTATION

Grand Amphitheatre



14:00 - 14:10

IMPACT OF A TIMED AND TARGETED CARE FOR FAMILY (TTCF) PROGRAM ON MATERNAL AND CHILD NUTRITION AND HEALTH IN EASTERN VISAYAS, PHILIPPINES

Y. KANG

14:10 - 14:20

IMPROVING EXCLUSIVE BREASTFEEDING DURATION THROUGH TARGETED BARRIER APPROACH, LESSONS FROM MOZAMBIQUE

C. O'DONNELL

14:20 - 14:30

THE TYPE OF FOOD SUPPLY ESTABLISHMENTS, A KEY FACTOR IN THE LEVEL OF PROCESSING OF PURCHASED FOODS AND BEVERAGES

M. HERNANDEZ FERNANDEZ

14:30 - 14:40

INTERACTION BETWEEN THE ENUTRI DIET QUALITY SCORE AND APOLIPOPROTEIN E GENOTYPE ON CARDIOMETABOLIC DISEASE RISK MARKERS: A CROSS-SECTIONAL ANALYSIS IN UK ADULTS

A. YILMAZ

14:40 - 14:50

DETERMINANTS OF INADEQUATE AND EXCESSIVE GESTATIONAL WEIGHT GAIN ACROSS SIX COUNTRIES IN SOUTHEAST ASIA AND AFRICA: A PROSPECTIVE COHORT STUDY

F. FAROOQ

14:50 - 15:00

ASSOCIATIONS BETWEEN SERUM LIPID PROFILE AND COGNITIVE FUNCTION IN OLDER ADULTS FROM THE ENGLISH LONGITUDINAL STUDY OF AGEING (ELSA)

S. HALDAR

15:00 - 15:10

CHANGE IN SUGAR-SWEETENED BEVERAGES AND NONESSENTIAL ENERGY-DENSE FOOD PURCHASES BY TYPE OF STORE, AFTER THE IMPLEMENTATION OF TAXES IN MEXICO

C.G. GARCIA CHAVEZ

15:10 - 15:20

BARRIERS AND FACILITATORS TO HEALTHY EATING AMONG UKRAINIAN REFUGEE CHILDREN IN FINLAND: COMBINED QUALITATIVE AND QUANTITATIVE ANALYSES

D. FEDOROVA

15:20 - 15:30

FOOD PROCESSING AND ORAL AND PHARYNX- AND GASTROINTESTINAL- CANCER RELATED MORTALITY IN A LARGE-SCALE EUROPEAN COHORT

E.M.. GONZALEZ-GIL

Tuesday August 26th

14:00 - 15:30

OAP 16 - GLOBAL HEALTH AND PLANETARY NUTRITION

OAP16

ORAL ABSTRACT PRESENTATION

Amphitheatre Bleu



14:00 - 14:10

HEALTH OUTCOMES, ENVIRONMENTAL IMPACTS, AND DIET COSTS OF ADHERENCE TO THE EAT-LANCET DIET IN THE CHINA HEALTH AND NUTRITION SURVEY 1997–2015

H. CAI

14:10 - 14:20

DISASTERS AND THE COVID-19 PANDEMIC MAY NEGATIVELY IMPACT ON NUTRIENT INTAKES: AN ECOLOGICAL STUDY

T. INUI

14:20 - 14:30

THE ASSOCIATION BETWEEN FOOD BIODIVERSITY AND MICRONUTRIENT ADEQUACY AND QUALITY OF DUTCH DIETS

C. BANNENBERG

14:30 - 14:40

NUTRITIONAL ADEQUACY OF HEALTHY AND SUSTAINABLE DIETS AT GLOBAL, REGIONAL, NATIONAL LEVELS AND BY DEMOGRAPHIC GROUPS: A MODELLING STUDY

S. BAJAJ

14:40 - 14:50

ESTIMATION OF DIETARY SUGAR INTAKE USING SERUM CARBON ISOTOPE RATIO AS A BIOMARKER

A. KURPAD

14:50 - 15:00

PERCEPTION OF PLANT-BASED MEAT SUBSTITUTES AMONG VEGANS

15:00 - 15:10

IS HABITUAL ADHERENCE TO THE PLANETARY HEALTH DIET ASSOCIATED WITH MORTALITY AND MAJOR CHRONIC DISEASE RISK? RESULTS FROM THE UK BIOBANK

F. SUTER

15:10 - 15:20

BEEF INTAKE IS ASSOCIATED WITH LOWER DIVERSITY OF PLANT SPECIES CONSUMED BY THE BRAZILIAN POPULATION

F.H. MARROCOS-LEITE

15:20 - 15:30

A SYSTEMATIC REVIEW/META-ANALYSIS OF XENOBIOTICS IN APPLE AND APPLE-BASED PRODUCTS REVEALS LACK OF COMPLIANCE WITH EUROPEAN FOOD SAFETY AUTHORITY REGULATION

A. NOEL

Tuesday August 26th

14:00 - 15:30

OAP 17 - PRECISION AND CLINICAL NUTRITION

OAP17

ORAL ABSTRACT PRESENTATION

Room Maillot



14:00 - 14:10

ASSOCIATION OF SERUM 25-HYDROXYVITAMIN D LEVELS WITH INFLAMMATORY MARKERS AND LUNG FUNCTION IN UK BIOBANK PARTICIPANTS WITH INFLAMMATORY BOWEL DISEASES

C.L. YEH

14:10 - 14:20

IDENTIFICATION OF METABOLOMICS BIOMARKERS FOR COENZYME Q10 IN THE IMPROVEMENT OF DYSLIPIDEMIA USING SERUM NON-TARGETED AND TARGETED METABOLOMICS

F. HE

14:20 - 14:30

IMPACT OF DIETARY PROTEIN AND ENERGY INTAKE DISTRIBUTION ON SUBSTRATE UTILIZATION IN HEALTHY WEIGHT ADULTS

S. CASPERSON

14:30 - 14:40

CHANGES DURING SYSTEMIC THERAPY IN COMPUTED TOMOGRAPHY-EVALUATED BODY COMPOSITION PREDICT LONG-TERM SURVIVAL IN COLORECTAL CANCER

E.S. SULLIVAN

14:40 - 14:50

GUT MICROBIOME AS A PREDICTOR FOR POSITIVE YOUTH DEVELOPMENT TRANSITION FROM CHILDHOOD TO EARLY ADOLESCENCE

Y. XU

14:50 - 15:00

**IMPACT OF PREOPERATIVE MEDIUM-CHAIN TRIGLYCERIDE (MCT) SUPPLEMENTATION
WITHIN ENHANCED RECOVERY AFTER SURGERY (ERAS) PROTOCOLS ON PERIOPERATIVE
OUTCOMES IN COLORECTAL CANCER PATIENTS**

J. YANG

15:00 - 15:10

**MULTI-METABOLITE PLASMA SIGNATURE AS A ROBUST PREDICTOR OF LONG-TERM
MORTALITY: A MULTI-COHORT STUDY**

A. MARTINEZ

Tuesday August 26th

14:00 - 15:30

OAP 18 - THE FUTURE OF NUTRITION RECOMMENDATIONS

OAP18

ORAL ABSTRACT PRESENTATION

Room 241



14:00 - 14:10

TO BE CLIMATE-FRIENDLY, FOOD-BASED DIETARY GUIDELINES MUST INCLUDE LIMITS ON TOTAL MEAT CONSUMPTION – MODELING FROM THE CASE OF FRANCE

E. KESSE-GUYOT

14:10 - 14:20

AUSTRALIAN NUTRITION SCIENCE: A PROGRAMMATIC APPROACH TO IMPLEMENTING A NATIONAL STRATEGIC DEVELOPMENT PLAN

H. TRUBY

14:20 - 14:30

DOES VITAMIN A INTAKE ADVERSELY AFFECT BONE HEALTH?

I. CRACIUN

14:30 - 14:40

FROM APPS TO BITES: THE IMPACTS OF THE DEVELOPING TECHNOLOGY ON FOOD MARKETING TO SCHOOL-AGED CHILDREN FOOD PREFERENCES

N. BELADINA

14:40 - 14:50

EXPERTS' AND STAKEHOLDERS' INSIGHTS ON TARGETING STRATEGIES AND CHANNELS FOR MULTIPLE MICRONUTRIENTS (MMS) AND BALANCED ENERGY AND PROTEIN (BEP) SUPPLEMENTS DELIVERY TO ADOLESCENT GIRLS IN RESOURCE-LIMITED SETTINGS

M.S. DRABO

14:50 - 15:00

**IMPORTANT REVISIONS TO THE NUTRI-SCORE TO ENHANCE CONSISTENCY WITH THE
NORDIC NUTRITION RECOMMENDATIONS - INSIGHTS FROM THE NEWTOOLS PROJECT**

A. AMBERNTSSON

15:00 - 15:10

**OPTIMIZING ANTENATAL MULTIPLE MICRONUTRIENT SUPPLEMENT ADHERENCE IN
CAMBODIA: A SOCIO-ECOLOGICAL APPROACH TO INCREASING UPTAKE**

M.A. HOANG

15:10 - 15:20

**ASSOCIATIONS OF GLOBAL BURDEN OF DISEASES STUDY-DERIVED DIETARY SCORES WITH
MORTALITY AND CHRONIC DISEASE RISK: A COMPREHENSIVE ANALYSIS FROM THE
PROSPECTIVE NUTRINET-SANTÉ STUDY**

E. KESSE-GUYOT

15:20 - 15:30

PROPOSED NUTRIENT PROFILES FOR ALTERNATIVE PROTEIN FOODS

M. XIPSITI

Tuesday August 26th

14:00 - 15:30

OAP 19 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP19

ORAL ABSTRACT PRESENTATION

Room 242A



14:00 - 14:10

THE EFFECTIVENESS OF SPECIALIZED NUTRITIOUS FOODS AND BEHAVIOR CHANGE COMMUNICATION INTERVENTIONS DURING THE FIRST 1000 DAYS OF LIFE TO PREVENT STUNTING IN AFGHANISTAN

U. MUHAMMAD

14:10 - 14:20

THE COMMUNITY-UP FOOD BOOST CHALLENGE APPROACH: IN WHICH ADOLESCENTS AND FOOD SYSTEM PARTNERS SEARCH FOR LEVERAGE POINTS TO CHANGE THE FOOD SYSTEM

M. VAN LIESHOUT

14:20 - 14:30

MALE ENGAGEMENT TO IMPROVE INFANT AND YOUNG CHILD NUTRITION IN A HUMANITARIAN CONTEXT: THE EXPERIENCE OF NORTHEAST NIGERIA

S. ATUMAN

14:30 - 14:40

ASSOCIATION BETWEEN SEAFOOD, EPA, DHA CONSUMPTION AT EACH MEALTIME AND CHRONOTYPE/SOCIAL JETLAG IN SLEEP

S. SHIBATA

14:40 - 14:50

ADOLESCENT NUTRITION IN BANGLADESH: EXAMINING REGIONAL DIFFERENCES IN DIETARY DIVERSITY AND NUTRITIONAL STATUS

G. ARA

14:50 - 15:00

THE EFFECT OF PARENTAL VITAMIN B12 TREATMENT ON ITS PLASMA METABOLOMIC PROFILE AND ON FUNCTIONAL BIOMARKERS OF ITS DEFICIENCY

S. DEVI

15:00 - 15:10

ORAL ADMINISTRATION OF HEAT-KILLED LACTICASEIBACILLUS PARACASEI INHIBITS THE IN VIVO GROWTH OF ORAL SQUAMOUS CELL CARCINOMA THROUGH TARGETING CANCER STEM CELLS

W.W. CHANG

15:10 - 15:20

AN ASSESSMENT OF THE NUTRITIONAL COMPOSITION AND ON-PACKAGED MARKETING OF COMMERCIALY PRODUCED COMPLEMENTARY FOODS IN SUB-SAHARAN AFRICA

T. FRANK

15:20 - 15:30

THE PREVALENCE OF UNMET MINIMUM DIETARY DIVERSITY AND ITS DETERMINANTS AMONG CHILDREN AGED 6- 23 MONTHS IN CENTRAL SULAWESI, INDONESIA

F. AYU ARINI

Tuesday August 26th

14:00 - 15:30

OAP 20 - BASIC RESEARCH IN NUTRITION

OAP20

ORAL ABSTRACT PRESENTATION

Room 242B



14:00 - 14:10

MOLECULAR MECHANISM OF QUINOXALINE-TYPE HETEROCYCLIC AMINES FORMATION IN MEAT AND FISH

I.A. KHAN

14:10 - 14:20

PROTEIN INTAKE AND QUALITY AMONG NEW ZEALAND VEGANS: INSIGHTS FROM BASELINE ASSESSMENTS AND TEMPORAL MEAL PATTERNS

B.X.P. SOH

14:20 - 14:30

POLYPHENOLS AS MODULATORS OF THE BMP SIGNALING PATHWAY TO COUNTER COLORECTAL CANCER INITIATION

E. COGO

14:30 - 14:40

WALKING THE POLITICAL WILL TO ACTION: BEST PRACTICES AND LESSONS FROM NUTRITION COMPACT

L. PETER NNALLY

14:40 - 14:50

EGG-CELLENT STRATEGY TO IMPROVE CHILD LINEAR GROWTH AND REDUCE STUNTING AMONG 6-9 MONTHS OLD INFANTS FROM COMMUNITIES OF LIMITED RESOURCES IN TIGRAY, ETHIOPIA: A NON-RANDOMIZED CONTROLLED TRIAL

T. BEREKET

14:50 - 15:00

REINFORCING INTEGRATED MANAGEMENT OF ACUTE MALNUTRITION

O. ACHARYA

15:00 - 15:10

QUALITY ASSESSMENT OF EFFERVESCENT FOOD SUPPLEMENTS ON THE SLOVENIAN MARKET: COMPLIANCE WITH DECLARED NUTRIENT CONTENT

M. HRIBAR

15:10 - 15:20

DOES LACTIC ACID-RICH SOURDOUGH BREAD IMPROVE APPETITE REGULATION COMPARED TO YEAST BREAD? A RANDOMIZED, DOUBLE-BLIND CONTROLLED TRIAL

G. CHATONIDI

Tuesday August 26th

14:00 - 15:30

OAP 21 - NON COMMUNICABLE DISEASES

OAP21

ORAL ABSTRACT PRESENTATION

Room 243



14:00 - 14:10

**LONGER BREASTFEEDING DURATION REDUCES THE RISK OF SUBCLINICAL
CARDIOVASCULAR DISEASE**

M. SANDBERG

14:10 - 14:20

**THE EFFECT OF DIFFERENT FAT SOURCES ON POSTPRANDIAL INFLAMMATION: A
RANDOMIZED DOUBLE-BLIND STUDY**

N. LIMANI

14:20 - 14:30

**ASSOCIATION OF FREE AND NON-FREE SUGAR INTAKE WITH DEMENTIA RISK AND THE
MODULATING ROLE OF GUT MICROBIOTA: A PROSPECTIVE COHORT STUDY FROM UK
BIOBANK**

A. YU

14:30 - 14:40

**DIETARY BIOTIN INTAKE AND THE RISK OF CHRONIC KIDNEY DISEASE (CKD): A LARGE-
SCALE PROSPECTIVE COHORT STUDY AND MECHANISTIC EXPLORATION**

X. SHI

14:40 - 14:50

**MATERNAL PREBIOTIC SUPPLEMENTATION (GOS/INULIN) DURING PREGNANCY: EFFECTS
ON THE IMMUNE SYSTEM AND ATOPIC DERMATITIS PREVENTION IN CHILDREN**

C. BROSSEAU

14:50 - 15:00

**MISALIGNMENT BETWEEN CIRCADIAN PREFERENCE AND ACCELEROMETER-DERIVED
SLEEP-WAKE CYCLE WITH INCREASED RISK OF CARDIOMETABOLIC DISEASES**

Y. CHEN

15:00 - 15:10

**MEDITERRANEAN DIETARY PATTERN AND BEHAVIOURAL INTERVENTION IN A NEW ZEALAND
POPULATION AT INCREASED CARDIOMETABOLIC RISK: TWO SEQUENTIAL RANDOMISED
CONTROLLED TRIALS; HE ROUROU WHAI PAINGA**

F. LITHANDER

15:10 - 15:20

**ASSOCIATIONS BETWEEN A COLORECTAL CANCER RISK INDEX AND GUT MICROBIOME
DIVERSITY AND COMPOSITION**

R. TAMMI

15:20 - 15:30

**FOLATE DEPLETION ALTERS DNA METHYLATION IN TISSUES RELEVANT FOR CHILDHOOD
LEUKAEMIA**

J. SAVILLE

Tuesday August 26th

14:00 - 15:30

OAP 22 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP22

ORAL ABSTRACT PRESENTATION

Room 251



14:00 - 14:10

ADHERENCE TO THE DIETARY APPROACHES TO STOP HYPERTENSION (DASH) IS ASSOCIATED WITH LOWER PRESENCE COGNITIVE IMPAIRMENT IN ELDERLY: THE MEDIATING EFFECT OF SUSTAINABLE CONSUMPTION BEHAVIORS

M. AÇIK

14:10 - 14:20

IDENTIFYING GAPS AND OPPORTUNITIES FOR IMPROVEMENT IN NUTRITIONAL AND DIETARY GUIDELINE COMPLIANCE IN CANADIAN LONG-TERM CARE MENUS

C. MIDDLETON

14:20 - 14:30

PASIFIKA YOUTH DIET STUDY: A MIXED METHODS STUDY ON THE DIETARY INTAKE AND EXPERIENCE OF FOOD ENVIRONMENT FOR PASIFIKA ADOLESCENTS IN AUSTRALIA

T. LOW-WAH

14:30 - 14:40

RELATIVE VALIDITY OF THE DIET QUALITY QUESTIONNAIRE IN ASSESSING DIET QUALITY OF MALAYSIAN ADULTS

J.E. WONG

14:40 - 14:50

VITAMIN D SUPPLEMENTATION AND DOSE RESPONSE IN WOMEN OF REPRODUCTIVE AGE AND PREGNANT WOMEN IN TWO DOUBLE-BLIND, RANDOMIZED, CONTROLLED MICRONUTRIENT DOSE RESPONSE (MINDR) TRIALS IN RURAL BANGLADESH

S. BANDYOPADHYAY

14:50 - 15:00

SCREEN USE DURING PREGNANCY: ITS EFFECTS ON CHRONOTYPE, NIGHT EATING HABITS, AND SLEEP QUALITY AT THIRD TRIMESTER

E.Y. KOK

15:00 - 15:10

BALANCED ENERGY PROTEIN SUPPLEMENTATION IN PREGNANCY AND MATERNAL MORBIDITY AND BLOOD PRESSURE IN A CLUSTER RANDOMIZED CONTROLLED TRIAL IN RURAL BANGLADESH

H. ALI

15:10 - 15:20

USE OF LINEAR PROGRAMMING FOR OPTIMIZING THE FOOD BASKET TO IMPROVE THE MICRONUTRIENT INTAKE OF CHILDREN AGED 6 TO 59 MONTHS IN THE NIAYES AGRO-ECOLOGICAL ZONE IN SENEGAL

C.T. WILLANE

15:20 - 15:30

LONGITUDINAL TRENDS IN ULTRA-PROCESSED FOOD CONSUMPTION ACROSS EATING OCCASIONS IN CHILEAN CHILDREN AND ADOLESCENTS

C. ZANCHETA

Tuesday August 26th

14:00 - 15:30

OAP 23 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP23

ORAL ABSTRACT PRESENTATION

Room 252A



14:00 - 14:10

CONSUMPTION OF ORGANIC FOODS DURING PREGNANCY AND NEURODEVELOPMENTAL SCORES UP TO 6 YEARS IN A FRENCH BIRTH COHORT

M. KADAWATHAGEDARA

14:10 - 14:20

ENHANCING NUTRITIONAL OUTCOMES IN NEPAL: THE ROLE OF PRE-COOKED FORTIFIED FLOUR IN ADDRESSING MODERATE ACUTE MALNUTRITION

R. MANDAL

14:20 - 14:30

BALANCED ENERGY PROTEIN SUPPLEMENTATION IN PREGNANCY AND HEMOGLOBIN AND ANEMIA IN THE THIRD TRIMESTER IN A CLUSTER RANDOMIZED CONTROLLED TRIAL IN RURAL BANGLADESH

K.A. FAHMIDA

14:30 - 14:40

IMPACT OF MATERNAL NUTRITIONAL INTERVENTIONS ON HUMAN MILK COMPOSITION: INSIGHTS FROM THE IMIC CONSORTIUM FROM BURKINA FASO, PAKISTAN AND TANZANIA

T. DAILEY-CHWALIBÓG

14:40 - 14:50

NAUNEHAL; INTEGRATED MATERNAL, NEONATAL AND CHILD NUTRITION, HEALTH AND IMMUNIZATION INTERVENTIONS IN CONFLICT-AFFECTED AREAS OF PAKISTAN: A MIXED-METHODS QUASI-EXPERIMENTAL STUDY

A. KHAN

14:50 - 15:00

BMI DURING THE FIRST 10 YEARS OF LIFE AS A PREDICTOR OF HEPATIC STEATOSIS IN ADOLESCENTS, A PILOT STUDY

A. CANTORAL PRECIADO

15:00 - 15:10

ULTRA-PROCESSED FOODS AND CARDIOMETABOLIC RISK AMONG MALAYSIAN ADOLESCENTS: INSIGHTS FROM MALAYSIAN HEALTH AND ADOLESCENTS LONGITUDINAL RESEARCH TEAM STUDY (THE MYHEART STUDY)

D. MOHD ISA

15:10 - 15:20

FACTORS ASSOCIATED WITH MATERNAL BODY COMPOSITION AND THE ASSOCIATION OF MATERNAL BODY COMPOSITION WITH CHILD ANTHROPOMETRIC OUTCOMES: FINDINGS FROM BANGLADESH

M.M. HOSSAIN,

15:20 - 15:30

COMORBIDITIES AS DETERMINANTS OF COVID-19 OUTCOME IN HOSPITALIZED BRAZILIAN PREGNANT WOMEN

F. AZEVEDO

Tuesday August 26th

14:00 - 15:30

OAP 24 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP24

ORAL ABSTRACT PRESENTATION

Room 252B



14:00 - 14:10

MATERNAL PRENATAL DIET MEDIATES EPIGENETIC PATHWAYS TO SHAPE INFANT COGNITION: THE BARWON INFANT STUDY PRE-BIRTH COHORT

L. HOLLAND

14:10 - 14:20

METABOLOMIC SIGNATURE OF A SUSTAINABLE BRAIN-HEALTHY DIET IN OLDER PERSONS

J. NEUFFER

14:20 - 14:30

AI-POWERED THE CLASSIFICATION OF NOVA FOOD PROCESSING: EXPLORING TAIWANESE FOODS WITH NATIONALLY REPRESENTATIVE DATA

Y.C. HUANG

14:30 - 14:40

MODELLING THE HEALTH, EQUITY, AND COST-EFFECTIVENESS IMPACTS OF FOOD TAXES AND SUBSIDIES IN AUSTRALIA

T. DAVIES

14:40 - 14:50

EXPLORING FACTORS ASSOCIATED WITH DIET QUALITY AMONG SCHOOLCHILDREN IN RURAL CAMBODIA

V. HUN

14:50 - 15:00

WHAT IS A SNACK? TYPES OF SNACKS AND WHY PARENTS IN SOUTHERN THAILAND GIVE THEM TO THEIR CHILDREN: A MIXED METHODS STUDY

N. TAYEH

15:00 - 15:10

ANTENATAL MULTIPLE MICRONUTRIENT VERSUS IRON-FOLIC ACID SUPPLEMENTATION: OUTCOMES OF AN IMPLEMENTATION TRIAL WITHIN UNRWA HEALTH SYSTEM SERVING PALESTINE REFUGEES IN JORDAN

M. HORINO

15:10 - 15:20

GESTATIONAL WEIGHT GAIN PATTERNS AND DISTRIBUTION IN FIVE LOW- AND MIDDLE-INCOME COUNTRIES ACROSS AFRICA AND ASIA

N. SHARMA

15:20 - 15:30

IMPACT OF A FRENCH SOCIAL MARKETING CAMPAIGN TO INCREASE PARENTAL SUPPORT AND PHYSICAL ACTIVITY IN ADOLESCENTS AGED 11-14 YEARS: RESULTS FROM A LONGITUDINAL STUDY

P. FASSIER

Tuesday August 26th

14:00 - 15:30

OAP 26 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP26

ORAL ABSTRACT PRESENTATION

Room 341



14:00 - 14:10

NAVIGATING BARRIERS AND HARNESSING OPPORTUNITIES: PROCESS EVALUATION OF A COMBINED M-HEALTH NUTRITION LITERACY AND CASH TRANSFER INTERVENTION FOR PREGNANT WOMEN IN RURAL BANGLADESH

N.A. ALAM

14:10 - 14:20

COULD A BASIC INCOME IMPROVE DIET QUALITY AND REDUCE DIETARY INEQUITIES? AN AGENT-BASED COMPLEX SYSTEMS SIMULATION MODEL

D. OLSTAD

14:20 - 14:30

NUT INTAKE, FUNCTIONAL LIMITATIONS, AND QUALITY OF LIFE IN OLDER ADULTS: FINDINGS FROM NHANES 2003-12

I. FEYESA

14:30 - 14:40

DETERMINATION OF ENERGY AND NUTRIENTS COMPOSITION OF POTENTIAL READY-TO-USE THERAPEUTIC FOOD FORMULATED FROM LOCALLY AVAILABLE RESOURCES

A.S.I. MUHAMMAD

14:40 - 14:50

PHYSICAL ACTIVITY TRAJECTORIES AND ASSOCIATED WITH BLOOD LIPIDS, RISK OF DYSLIPIDEMIA AMONG CHINA ADULTS: FINDING FROM THE CHINA HEALTH AND NUTRITION SURVEYS FROM 1991 TO 2018

Q. ZOU

14:50 - 15:00

ENHANCING NUTRITIONAL OUTCOMES OF ADOLESCENT GIRLS THROUGH HOMESTEAD FOOD PRODUCTION IN BANGLADESH: A CLUSTER-RANDOMIZED CONTROL TRIAL

A. SHEULY,

15:00 - 15:10

IS THE BRASCORE, AN INDEX THAT MEASURES ADHERENCE TO THE DIETARY GUIDELINES FOR THE BRAZILIAN POPULATION, ASSOCIATED WITH A REDUCED RISK OF OVERWEIGHT AND OBESITY? FINDINGS FROM THE NUTRINET-BRASIL COHORT STUDY

T. SOUZA

15:10 - 15:20

GLOBAL RESEARCH TRENDS IN SCHOOL FOOD ENVIRONMENT: A BIBLIOMETRIC ANALYSIS USING WEB OF SCIENCE AND VOSVIEWER

B. MENEGASSI

15:20 - 15:30

IDEAL CARDIOVASCULAR HEALTH AND COGNITIVE PERFORMANCE: PRELIMINARY FINDINGS FROM THE NORTHERN IRELAND COHORT OF LONGITUDINAL AGEING (NICOLA)

D. LOGAN

Tuesday August 26th

14:00 - 15:30

OAP 27 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP27

ORAL ABSTRACT PRESENTATION

Room 342A



14:00 - 14:10

ASSOCIATIONS OF MATERNAL CARDIOVASCULAR HEALTH IN PREGNANCY WITH OFFSPRING NEURODEVELOPMENT WITHIN THE FIRST 5 YEARS: A PROSPECTIVE BIRTH COHORT STUDY

X. WANG

14:10 - 14:20

EFFECT OF MULTIPLE MICRONUTRIENT SUPPLEMENTATION AND IRON-FOLIC ACID SUPPLEMENTATION ON HEMOGLOBIN LEVELS OF PREGNANT WOMEN, FETAL GROWTH AND BIRTH OUTCOME: A RANDOMISED CONTROL TRIAL IN OGBOMOSO, NIGERIA

O.O. ADEWUYI

14:20 - 14:30

SOCIOECONOMIC INEQUALITIES IN THE ASSOCIATION BETWEEN DIET QUALITY AND INCIDENT CARDIOVASCULAR DISEASES

M.J. DUAN

14:30 - 14:40

FACTORS ASSOCIATED WITH PROLONGED USE OF DONOR HUMAN MILK AT DA NANG HOSPITAL FOR WOMEN AND CHILDREN IN VIETNAM

T.T. NGUYEN

14:40 - 14:50

VALIDATION OF THE POLISH VERSION OF THE ORTO-R AMONG UNIVERSITY STUDENTS: COMPARISON WITH THE OTHER SCALES ASSESSING ORTHOREXIC THOUGHTS AND BEHAVIORS

14:50 - 15:00

MULTIPLE MICRONUTRIENT SUPPLEMENTATION AND ITS IMPACT ON HUMAN MILK, SERUM SELENIUM AND INFANT GROWTH IN JOS, NIGERIA; A RANDOMISED CONTROL TRIAL

O.O. ADEWUYI

15:00 - 15:10

INTEGRATING PERSONALIZED NUTRITION AND SUSTAINABLE DIETARY PATTERNS: A LIFE CYCLE ASSESSMENT APPROACH TO ACHIEVING HEALTH AND ENVIRONMENTAL SUSTAINABILITY

M. YANG

15:10 - 15:20

PREGNANCY AND VITAMIN D INTERVENTION (PREDIN) – A RANDOMIZED DOUBLE-BLIND CONTROLLED TRIAL IN PREGNANT WOMEN AT HIGH RISK OF VITAMIN D DEFICIENCY

M. FORSBY

15:20 - 15:30

HEALTHY DIETS ARE ASSOCIATED WITH LOWER DEPRESSION, ANXIETY, AND STRESS IN LOW- AND MIDDLE-INCOME COUNTRIES: A META-ANALYSIS FROM A SYSTEMATIC EVIDENCE AND GAP MAP

T. SPARLING

Tuesday August 26th

14:00 - 15:30

OAP 28 - BASIC RESEARCH IN NUTRITION

OAP28

ORAL ABSTRACT PRESENTATION

Room 342B



14:00 - 14:10

UPREGULATION OF PER2 EXPRESSION MEDIATES THE INDUCTION OF SARCOPENIC OBESITY BY A HIGH-FAT DIET

Q. REN

14:10 - 14:20

NUCLEOTIDES AS AN ANTI-AGING SUPPLEMENTATION IN OLDER ADULTS: A RANDOMISED CONTROLLED TRIAL

M. XU

14:20 - 14:30

EX VIVO STUDY ON THE PREBIOTIC EFFECTS OF CITRUS PECTIN IN HEALTHY ADULTS

F. RESPONDEK

14:30 - 14:40

IMPROVING INFANT NUTRITION IN MALI: STUDY OF THE ACCEPTABILITY AND CHALLENGES OF GERMINATED FLOUR USING THE TIPS METHODOLOGY

S. AROUWANI

14:40 - 14:50

EXAMINATION OF MEASUREMENT CONDITIONS FOR EVALUATING THE DIGESTIBILITY OF CARBOHYDRATES IN FOODS USING THE GR METHOD

Y. NAKANISHI

14:50 - 15:00

THE SYSTEMIC AVAILABILITY OF SHORT-CHAIN FATTY ACIDS: IMPACT OF SMALL INTESTINAL VERSUS COLONIC DELIVERY

R. ROSSEEL

15:00 - 15:10

MATH ADVANCES NUTRITION RESEARCH: THE CHALLENGE OF DESIGNING MENUS FOR CONTROLLED FEEDING TRIALS

J.C. GERDESSEN

15:10 - 15:20

THE IMPACT OF UVB RADIATION ON ACETYLCHOLINESTERASE INHIBITORY POTENTIAL IN VARIOUS MUSHROOM SPECIES: AN IN VITRO STUDY

A. CEBECI

15:20 - 15:30

ANALYSIS OF THE MICROBIOME AND METABOLOME IN HUMAN BREAST MILK FROM HEALTHY AND DIABETIC MOTHERS IN THE COFFEE-GROWING REGION OF COLOMBIA

S.Y. VALENCIA CASTILLO

Tuesday August 26th

14:00 - 15:30

SOAP 19 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

SOAP19

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



14:00 - 14:05

MORE FOOD BIODIVERSITY IN DUTCH DIET DOES NOT LEAD TO LESS ENVIRONMENTAL IMPACT

R. BAKKER

14:05 - 14:10

DIETARY ENVIRONMENTAL IMPACT, FOOD INTAKE, AND MICRONUTRIENT STATUS IN ELDERLY: THE LIFELINES-MINUTHE STUDY

E. DE BOER

14:10 - 14:15

AGE AND SEX RELATED DIFFERENCES IN DIETARY PROTEIN INTAKE IN THE PROTEIN-I STUDY

A. COURTNEY

14:15 - 14:20

ENVIRONMENTAL CHANGE AND THE DOUBLE BURDEN OF MALNUTRITION IN LMICS: AN EVIDENCE- AND SYSTEMS-BASED CONCEPTUAL FRAMEWORK

P. SEFERIDI

14:20 - 14:25

BARRIERS TO ADOPTING A MORE PLANT-BASED DIET IN OLDER ADULTS

A. ROTTEVEEL

14:25 - 14:30

ADHERENCE TO THE TRADITIONAL CHINESE DIET AND ITS ASSOCIATION WITH ENVIRONMENTAL IMPACTS

14:30 - 14:35

SUSTAINABLE AND HEALTHY DIETARY BEHAVIOURS OF UNIVERSITY STUDENTS IN IRELAND: INSIGHTS FROM THE PLAN'EAT PROJECT

L. DEVINE

14:35 - 14:40

EVALUATING 'CLIMATE FRIENDLY' CLAIMS ON CONSUMER PERCEPTIONS AND PURCHASE INTENTIONS OF UNSUSTAINABLE FOOD AND BEVERAGE PRODUCTS

S. PRYOR

14:40 - 14:45

SHORT-CHAIN CARBOHYDRATE PROFILES AND MICROBIAL COMMUNITY DYNAMICS OF FINNISH FABA BEAN AND PEA TEMPEH INOCULATED WITH RHIZOPUS OLIGOSPORUS, RHIZOPUS ORYZAE AND ASPERGILLUS ORYZAE

F. SIM

14:45 - 14:50

CONSUMPTION OF DIETARY FIBRE, FRUITS AND VEGETABLES, AND FISH, IS ASSOCIATED WITH GREATER FOOD BIODIVERSITY IN UK DIETS

B. DE ROOS

14:50 - 14:55

RECONFIGURING OF MEALS WITHOUT MEAT: IMPLICATIONS FOR THE NET REDUCTION IN GHG EMISSIONS AND HEALTHINESS

B. MCCORMICK,

14:55 - 15:00

MAXIMIZING CO-BENEFITS FOR PEOPLE AND PLANET: AN INTEGRATED APPROACH TO CLIMATE AND NUTRITION POLICIES

R. TAYLOR

15:00 - 15:05

SUSTAINABLE NUTRITION FOR FARMED SALMON IN SUB-OPTIMUM ENVIRONMENTS DUE TO CLIMATE CHANGE

15:05 - 15:10

DIETARY PROFILES IN THE FRENCH WEST INDIES: WHAT DO WE KNOW ABOUT THE EXPOSURE TO CHLORDECONE AND THEIR DIET MONETARY COSTS ?

U.T. VU

15:10 - 15:15

FOOD LOSS AND WASTE IN CHILEAN SCHOOL CANTEENS: DISTRIBUTION PATTERNS AND SOCIOECONOMIC FACTORS

G. QUEZADA-FIGUEROA

Tuesday August 26th

14:00 - 15:30

SOAP 20 - FOOD SCIENCE, GASTRONOMY AND LIFE QUALITY

SOAP20

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



14:00 - 14:05

**POTENTIAL HEALTH BENEFITS OF A DIET RICH IN ORGANIC FRUIT AND VEGETABLES
VERSUS A DIET BASED ON CONVENTIONAL PRODUCE: A SYSTEMATIC REVIEW**

N. KOMATI

14:05 - 14:10

**DEVELOPMENT AND EVALUATION OF ULTRASOUND-ASSISTED PRE-TREATMENT DEVICE
FOR POSTHARVEST LOSS REDUCTION OF CELLULAR FOODS**

A. FADEYIBI

14:10 - 14:15

**NUTRIENTS COMPOSITION CASSAVA (MANIHOT ESCULENTA) FLOUR (LAFUN) FORTIFIED
WITH BAMBARA NUT (VIGNA SUBTERRANEA) FLOUR**

D. ARUKWE

14:15 - 14:20

**NUTRITIONAL AND HEALTH PROMOTING CONTRIBUTIONS OF INDIGENOUS SPICES, HERBS,
CONDIMENTS AND OTHER SEASONING AGENTS IN TROPICAL AFRICA**

S. DJIAZET

14:20 - 14:25

**PHYTOCHEMICAL AND ANTIOXIDANT PROPERTIES OF STORED ANALOG TEA PRODUCED
FROM BAOBAB FRUIT PULP, PHYLLANTUS NIRURI AND LEMON GRASS**

T.D. MAIYAKI

14:25 - 14:30

DEEP-FRIED OR NOT? EXPLORING COOKING METHODS TO REDUCE HOSPITAL FOOD WASTE

M. RIZAL

14:30 - 14:35

COTTAGE CHEESE, A RELATIVELY UNDEREXPLORED CULTURED DAIRY PRODUCT WITH POTENTIAL HEALTH BENEFITS?

D. FARSI

14:35 - 14:40

FROM KNOWLEDGE TO ACTION: UNDERSTANDING STUDENTS' WASTE DISPOSAL PRACTICES

A. USFAR

14:40 - 14:45

HYPOGLYCEMIC EFFECT OF SODIUM ALGINATE ON PEOPLE WITH PREDIABETES AND TYPE 2 DIABETES AND ITS MECHANISM

K. XIONG

14:45 - 14:50

EFFECT OF DIFFERENT PROCESS ON THE PROTEIN DIGESTION AND ABSORPTION OF YOGURT: AN VIVO STUDY IN GROWING PIGS

H. CAI

14:50 - 14:55

PROTEIN QUALITY OF SOUTH AFRICAN POTATOES

C. MULLER

14:55 - 15:00

EXPANDING THE THAI FOOD COMPOSITION DATABASE: VITAMIN D CONTENT IN COMMONLY CONSUMED FISH AND MUSHROOMS

K. JUDPRASONG

15:00 - 15:05

PRODUCTION AND QUALITY EVALUATION OF POWDERED FRUIT DRINK PRODUCED FROM BRAZILIAN CHERRY (EUGENIA UNIFLORA) SWEETENED WITH DATE FRUIT (PHOENIX

DACTYLIFERA)

H.A. SUNDAY-JOSHUA

15:05 - 15:10

**POSITIVELY CULINARY AS A MODEL FOR ORGANIZATIONAL TRANSFORMATION TOWARDS A
FOOD-FIRST, HUMAN-CENTRIC MINDSET THAT ENHANCES CULTURE AND DRIVES
SUSTAINABLE BUSINESS GROWTH**

L. ROCHA

15:10 - 15:15

**EFFECT OF AQUEOUS LEAVES EXTRACT OF MORINGA OLEIFERA ON SOME
HEMATOLOGICAL PARAMETERS**

A. FABUNMI

Tuesday August 26th

14:00 - 15:30

SOAP 21 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP21

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



14:00 - 14:05

INTRODUCTION OF BALANCED ENERGY PROTEIN (BEP) SUPPLEMENTATION THROUGH ROUTINE ANTENATAL CARE (ANC): CHALLENGES AND OPPORTUNITIES FROM A GLOBAL LANDSCAPE ANALYSIS

R. WAITHIRA

14:05 - 14:10

SHARED DRIVERS OF THE DOUBLE BURDEN OF MALNUTRITION AMONGST CHILDREN, ADOLESCENTS AND WOMEN OF REPRODUCTIVE AGE IN LOW- AND MIDDLE-INCOME COUNTRIES: A SYSTEMATIC REVIEW

R. PRADEILLES

14:10 - 14:15

INFANT FEEDING PRACTICES IN MALI: A QUALITATIVE STUDY OF MOTHERS, GRANDMOTHERS, FATHERS AND ELDERS IN RURAL AND URBAN AREAS

S. MANASEKI-HOLLAND

14:15 - 14:20

FOUR-DAY DIARIES ADAPTED TO PRIMARY SCHOOL CHILDREN TO ASSESS USUAL BEVERAGE INTAKE

L. DESBOUYS

14:20 - 14:25

SOFT DRINK CONSUMPTION AND MENTAL HEALTH: A CROSS-SECTIONAL ANALYSIS OF EDUCATION SECTOR EMPLOYEES

P. SILVA

14:25 - 14:30

WHAT DOES 'GOOD COOKING' MEAN TO YOU? A PHOTOVOICE STUDY OF GHANAIAN WOMEN LIVING IN GHANA AND THE UK

H. OSEI-KWASI

14:30 - 14:35

DIETARY DIVERSITY AND ITS ASSOCIATION WITH CHANGES IN ANTHROPOMETRIC INDICES OF COMMUNITY-DWELLING OLDER ADULTS IN TEHRAN, IRAN: A LONGITUDINAL STUDY (2017-2021)

A. REZAZADEH

14:35 - 14:40

TRUST IN THE GOVERNMENT AND FOOD INDUSTRY AS WELL AS CLEAR AND TRANSPARENT COMMUNICATION ON FOOD PRODUCTS COULD HELP CONSUMERS IN MAKING HEALTHY FOOD CHOICES IN THE SUPERMARKET

S. HUYBERS

14:40 - 14:45

EFFECT OF NUTRIENT SUPPLEMENTATION IN PREGNANCY AND AFTER BIRTH ON ANTHROPOMETRIC STATUS AND THE DEVELOPMENTAL DELAY OF THE INFANTS: A COHORT STUDY IN TEHRAN CITY

A. REZAZADEH

14:45 - 14:50

PATTERNS AND DETERMINANTS OF POSTNATAL WEIGHT RETENTION AMONG WOMEN IN GHANA, KENYA, INDIA, PAKISTAN, AND ZAMBIA

C. SAGAM

14:50 - 14:55

THE NUTRITION-SENSITIVE FOOD ENVIRONMENT INDEX: A COMPREHENSIVE APPROACH TO ASSESSING FOOD ENVIRONMENTS IN ASSOCIATION WITH HEALTH RISKS FOR POLICY DECISION-MAKING

I. JORDAN,

14:55 - 15:00

**MATERNAL AND HOUSEHOLD-LEVEL DETERMINANTS OF THE GLOBAL DIET QUALITY
SCORE DURING PREGNANCY IN INDIA**

S. KACHWAHA

15:00 - 15:05

**STUDY ON NUTRITIONAL COGNITION, ATTITUDES AND DIETARY BEHAVIOR OF MIDDLE-AGED
AND ELDERLY PEOPLE TOWARDS SARCOPENIA AT THE METABOLISM OUTPATIENT
DEPARTMENT OF A REGIONAL HOSPITAL**

W.H. TSUI

15:05 - 15:10

PRIMARY SCHOOL LUNCHES: CHILDREN'S PRACTICES AND PERCEPTIONS

J. NANAYAKKARA,

15:10 - 15:15

**IMPROVEMENT OF NUTRITION STATUS OF ELDERLY THROUGH FORMATION OF ELDERLY
SUPPORT GROUP AT COMMUNITY LEVEL IN BANGLADESH**

S.K.. ROY

Tuesday August 26th

14:00 - 15:40

OAP 25 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

OAP25

ORAL ABSTRACT PRESENTATION

Room 253



14:00 - 14:10

CO-BENEFITS AND TRADE-OFFS BETWEEN ENVIRONMENTAL IMPACT AND DIET QUALITY: RESULTS FROM A POPULATION-BASED COHORT

E. HALLSTRÖM

14:10 - 14:20

DETERMINANTS AND COMPARISON OF WILLINGNESS TO TRY PLANT-BASED FERMENTED FOODS FROM DIFFERENT TECHNOLOGIES IN 9 EU COUNTRIES

J.P. GARIN

14:20 - 14:30

SOUTH AUSTRALIAN GOVERNMENT FOOD, AGRICULTURE AND ENVIRONMENTAL POLICIES AND THE EXTENT TO WHICH THEY HELP OR HINDER THE DEVELOPMENT OF A HEALTHY, SUSTAINABLE AND EQUITABLE FOOD SYSTEM

A. HAYES

14:30 - 14:40

DIETARY INTAKE OF PLANT-BASED MEAT CONSUMERS VERSUS NON-CONSUMERS IN UK NATIONAL DIET & NUTRITION SURVEY

A. WANDERS

14:40 - 14:50

THE TRUE PRICE OF FATTY FISH: ENVIRONMENTAL EXTERNALITIES AND HEALTH IMPACTS IN THE PRODUCTION AND CONSUMPTION OF WILD-CAUGHT AND FARMED FISH IN THE NETHERLANDS

L.J. FLORENCIO

14:50 - 15:00

NUTRITIONAL-ECOLOGICAL FACTORS AND THEIR RELATIONSHIPS IN SUSTAINABLE FOOD SYSTEMS - QUALITATIVE MODELLING

E. HEIL

15:00 - 15:10

GRASSHOPPER-BASED DIM SUM: A SUSTAINABLE AMINO ACID-RICH FOOD SOLUTION FOR PRESCHOOLERS

A.N. SYAUQIYYAH

15:10 - 15:20

DEATHS ATTRIBUTABLE TO DIET- AND WEIGHT-RELATED RISK FACTORS IN CITIES: A GLOBAL MODELLING STUDY

O. AUCLAIR

15:20 - 15:30

A VISUAL TOOL FOR ASSESSING THE HEALTH AND ENVIRONMENTAL IMPACTS OF FOOD CHOICES

J. SABATE

15:30 - 15:40

EMPOWERING FARMERS FOR IMPROVED HOUSEHOLD FOOD SECURITY AND NUTRITION: FINDINGS FROM GREAN PROJECT IN SOUTH SUDAN

A. ASSEFA

Tuesday August 26th

15:45 - 16:15

MULTIPLE MICRONUTRIENT SUPPLEMENTATION FOR PREGNANT WOMEN IN LOW- AND MIDDLE-INCOME COUNTRIES

SL10

SPECIAL LECTURE

Amphitheatre Bleu



LISTE DES INTERVENANTS

SPEAKER(S)

S. KIRK

15:45 - 16:15

MULTIPLE MICRONUTRIENT SUPPLEMENTATION FOR PREGNANT WOMEN IN LOW- AND MIDDLE-INCOME COUNTRIES

S. KIRK

Tuesday August 26th

15:45 - 16:15

MICROBIOTA BASED PRECISION NUTRITION AND METABOLIC HEALTH- IMPLICATIONS FOR DIETARY PREVENTION

SL11

SPECIAL LECTURE

Grand Amphitheatre



LISTE DES INTERVENANTS

SPEAKER(S)

E. BLAAK

15:45 - 16:15

MICROBIOTA BASED PRECISION NUTRITION AND METABOLIC HEALTH: IMPLICATIONS FOR DIETARY PREVENTION

E. BLAAK

Tuesday August 26th

15:45 - 16:15

ULTRA-PROCESSED FOODS AND SUSTAINABLE FOOD SYSTEMS'

SL12

SPECIAL LECTURE

Room 241



LISTE DES INTERVENANTS

SPEAKER(S)

M. LAWRENCE

15:45 - 16:15

ULTRA-PROCESSED FOODS AND SUSTAINABLE FOOD SYSTEMS'

M. LAWRENCE

Tuesday August 26th

15:45 - 16:15

CHALLENGES IN PUBLISHING IN NUTRITION SCIENCE AND SOME OPPORTUNITIES TOO- A PERSONAL VIEW

SL13

SPECIAL LECTURE

Room 242A



LISTE DES INTERVENANTS

SPEAKER(S)

B. CORFE

15:45 - 16:15

CHALLENGES IN PUBLISHING IN NUTRITION SCIENCE AND SOME OPPORTUNITIES TOO; A PERSONAL VIEW

B. CORFE

Tuesday August 26th

15:45 - 16:15

DIET, METABOLISM AND INNATE IMMUNE TRAINING – THE IMPACT OF AGING AND MAFLD

SL14

SPECIAL LECTURE

Room 242B



LISTE DES INTERVENANTS

SPEAKER(S)

H. ROCHE

15:45 - 16:15

DIET, METABOLISM AND INNATE IMMUNE TRAINING – THE IMPACT OF AGING AND MAFLD

H. ROCHE

Tuesday August 26th

15:45 - 16:15

PANDEMICS, POLEMICS, PLENTY AND POVERTY: THE FIGHT AGAINST MALNUTRITION AND FOOD INSECURITY

SL15

SPECIAL LECTURE

Room 243



LISTE DES INTERVENANTS

SPEAKER(S)

E. BERRY

15:45 - 16:15

PANDEMICS, PLENTY AND POVERTY: THE FIGHT AGAINST MALNUTRITION AND FOOD INSECURITY

E. BERRY

Tuesday August 26th

15:45 - 16:15

SAVING THE PLANET WITH NUTRITION SCIENCE

SL16

SPECIAL LECTURE

Room 251



LISTE DES INTERVENANTS

SPEAKER(S)

B. BURLINGAME

15:45 - 16:15

SAVING THE PLANET WITH NUTRITION SCIENCE

B. BURLINGAME

Tuesday August 26th

15:45 - 16:15

POLYPHENOLS AND THEIR METABOLITES AS PARADIGMATIC EXAMPLES OF PRECISION NUTRITION

SL17

SPECIAL LECTURE

Room 252A



LISTE DES INTERVENANTS

SPEAKER(S)

D. DEL RIO

15:45 - 16:15

**POLYPHENOLS AND THEIR METABOLITES AS PARADIGMATIC EXAMPLES OF PRECISION
NUTRITION**

D. DEL RIO

Tuesday August 26th

15:45 - 16:15

ACCELERATING THE SUSTAINABLE FOOD SYSTEM TRANSITION- DRIVING CHANGE THROUGH DIETARY SHIFTS

SL18

SPECIAL LECTURE

Room 252B



LISTE DES INTERVENANTS

SPEAKER(S)

E. GIBNEY

15:45 - 16:15

**ACCELERATING THE SUSTAINABLE FOOD SYSTEM TRANSITION: DRIVING CHANGE
THROUGH DIETARY SHIFTS**

E. GIBNEY

Tuesday August 26th

15:45 - 16:15

VEGETARIAN VERSUS OMNIVOROUS DIETS ON CARDIOVASCULAR HEALTH

SL19

SPECIAL LECTURE

Room Maillot



LISTE DES INTERVENANTS

SPEAKER(S)

D. LI

15:45 - 16:15

VEGETARIAN VERSUS OMNIVOROUS DIETS ON CARDIOVASCULAR HEALTH

D. LI

Tuesday August 26th

16:15 - 16:45

BREAK

Exhibition Hall



Tuesday August 26th

16:45 - 18:15

SOAP 22 - THE FUTURE OF NUTRITION RECOMMENDATIONS

SOAP22

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



16:45 - 16:50

THE EFFECT OF CALISTHENICS TRAINING ON ESTIMATED VO₂MAX VALUES IN COLLEGE STUDENTS

R. IMRAN

16:50 - 16:55

NUTRITIONAL QUALITY AND ENVIRONMENTAL IMPACT OF DIETS IN THE DUTCH ADULT POPULATION CHARACTERIZED BY NUTRI-SCORE

E. STEENBERGEN

16:55 - 17:00

ASSOCIATION IN EATING BEHAVIOR AND NUTRITIONAL STATUS IN CHILEAN PRESCHOOLERS ACCORDING TO THE METHOD OF INITIATION OF COMPLEMENTARY FEEDING

K. ETCHEGARAY-ARMIJO

17:00 - 17:05

MARKERS OF ULTRA-PROCESSED FOODS: EVALUATING THE EFFECTIVENESS OF FOOD ADDITIVES TO IDENTIFY ULTRA-PROCESSED FOODS IN 5 LATIN AMERICAN COUNTRIES

C. ZANCHETA

17:05 - 17:10

ARTIFICIAL INTELLIGENCE DRIVEN NUTRITIONAL RISK ASSESSMENT AND DIETARY RECOMMENDATIONS FOR CHRONIC DISEASES

X. WANG

17:10 - 17:15

**SUGAR-SWEETENED BEVERAGES CONSUMPTION AND ASSOCIATED FACTORS AMONG
PAKISTANI UNIVERSITY STUDENTS: A CROSS-SECTIONAL STUDY**

A. ZAINAB

17:15 - 17:20

**VITAMIN A5 – DEFINITION OF A NEW VITAMIN WITH A FOCUS ON DIETARY INTAKE OF VITAMIN
A5**

T. BOHN

17:20 - 17:25

**“NO PUBLIC FUNDS FOR UNHEALTHY FOODS!”: DEVELOPING COMPREHENSIVE NUTRITION
STANDARDS FOR HEALTHY PUBLIC FOOD PROCUREMENT AND SERVICE POLICIES**

N. IDE

17:25 - 17:30

**“EVERYONE IS DOING THEIR OWN THING”: THE STATE OF STAKEHOLDER COORDINATION
AND ENGAGEMENT FOR LARGE-SCALE FOOD FORTIFICATION AT THE GLOBAL AND
REGIONAL LEVEL**

G. COTES

17:30 - 17:35

**INTEGRATED AGRICULTURE AND HEALTH BASED INTERVENTIONS FOR IMPROVED
NUTRITION: COMMUNITY BASED EVIDENCE FROM MULTISECTOR PROGRAMME**

A. PARVIN

17:35 - 17:40

**INTERPERSONAL COUNSELLING BY FRONTLINE HEALTH AND NUTRITION FUNCTIONARIES
(FHNFS) IS ASSOCIATED WITH IMPROVED GENDER EQUITABLE COVERAGE OF VITAMIN A
SUPPLEMENTATION (VAS) IN SELECTED STATES OF CENTRAL INDIA: EVIDENCE FROM A
LARGE-SCALE VITAMIN A POST-EVEN**

M. RAUT

17:40 - 17:45

**PERSONALIZED NUTRITIONAL INTERVENTION TO IMPROVE SHORT-TERM PERFORMANCE
AND LONG-TERM HEALTH IN SHIFT WORKERS**

S. WOPEREIS

17:45 - 17:50

**CHRONIC INFLAMMATION DRIVEN BY GUT DAMAGE ASSOCIATED MICROBIAL
TRANSLOCATION IMPAIRS LINEAR GROWTH AMONG CHILDREN TREATED FOR
COMPLICATED SEVERE MALNUTRITION**

L. OCHIENG

17:50 - 17:55

**PREDICTING IN VIVO PROTEIN DIGESTIBILITY FROM INGREDIENT COMPOSITION AND IN
VITRO DIGESTION**

C. PICARD

Tuesday August 26th

16:45 - 18:15

SOAP 23 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP23

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



16:45 - 16:50

NATIONAL DIET AND NUTRITION SURVEY (NDNS): INFORMING PROGRESS TOWARDS DIETARY GOALS IN THE UK

C. ROBERTS

16:50 - 16:55

NURTURING KENYA'S FUTURE: TACKLING MALNUTRITION DURING THE FIRST 1000 DAYS

R. WANJIRU

16:55 - 17:00

SHORT- AND MEDIUM-TERM IMPACT OF AN IN-COMPANY INTERVENTION ON PLANT-BASED FOOD CONSUMPTION AT HOME AND ON REPRESENTATIONS OF VEGETARIAN MEALS

E. REMY CASTAGNA

17:00 - 17:05

BULLYING, BODY SATISFACTION, AND PSYCHOSOCIAL CONDITIONS AMONG BRAZILIAN ADOLESCENTS: NATIONAL SCHOOL HEALTH SURVEY 2019

N. FERREIRA

17:05 - 17:10

PREVALENCE OF LOW BLOOD AMINO ACID CONCENTRATION OF STUNTED NON WASTED CHILDREN

N. WIRAWAN,

17:10 - 17:15

DIETARY PATTERNS AND LIFESTYLE FACTORS INFLUENCING BMI AND NUTRITION HABITS IN UNIVERSITY STUDENTS

S. JALI

Y. TANGUY

17:15 - 17:20

IMPACT OF MULTIMODE SYSTEMIC PRE-CONCEPTION NUTRITION EDUCATION ON IMPROVING DIETARY INTAKE AND NUTRIENT STATUS IN WOMEN UNDERGOING FERTILITY TREATMENT AT A TERTIARY CARE CENTRE

J.S. PUSKURI

17:20 - 17:25

VITAMIN D AND RISK OF SPORT RELATED INJURIES IN THE SUN PROJECT: A PROSPECTIVE COHORT STUDY

C. SAYON-OREA

17:25 - 17:30

COPING STRATEGIES OF VENEZUELAN MIGRANTS IN COLOMBIA: ADDRESSING FOOD INSECURITY AND CULTURAL RESILIENCE

J. BERNAL-RIVAS

17:30 - 17:35

INTRODUCING A NEW MATERNAL MICRONUTRIENT SUPPLEMENT INTO THE ANTENATAL CARE PLATFORM IN PAKISTAN: INSIGHTS BASED ON PREGNANT WOMEN AND HEALTHCARE PROVIDER EXPERIENCE WITH MULTIPLE MICRONUTRIENT SUPPLEMENTS

S. ROWE

17:35 - 17:40

NEW GUIDELINES ON COMPLEMENTARY FEEDING IN FRANCE: EVOLUTIONS OF KNOWLEDGE, ACCEPTABILITY AND GOOD PRACTICES AMONG PARENTS, AND FACTORS ASSOCIATED WITH KNOWLEDGE: RESULTS FROM THE FRENCH COMPLEMENTARY FEEDING SURVEY

P. FASSIER

17:40 - 17:45

NUTRITION-SENSITIVE SOCIAL PROTECTION PROGRAM COVERAGE: USING MIXED METHODS TO DEVELOP NEW MEASURES FOR HOUSEHOLD SURVEYS

17:45 - 17:50

**PROSPECTIVE ASSOCIATIONS BETWEEN SUCRALOSE INTAKE AND METABOLIC OUTCOMES
IN CHILEAN CHILDREN**

N. REBOLLEDO,

17:50 - 17:55

CHILD HEALTH PROMOTERS PROGRAM MODEL IN MEXICO

D. GONZALEZ-VALENCIA

17:55 - 18:00

**METHODOLOGICAL FRAMEWORK FOR THE CREATION AND CONSOLIDATION OF THE
OBSERVATORIO MATERNO INFANTIL: ADVANCING MATERNAL AND CHILD HEALTH
MONITORING AND POLICY IN MEXICO**

M. ANCIRA MORENO

18:00 - 18:05

FLOURISHING AND DIET QUALITY DURING PREGNANCY: A SOCIAL INEQUALITY APPROACH

Y. BRUNETTE

Tuesday August 26th

16:45 - 18:15

SOAP 24 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP24

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



16:45 - 16:50

A NEEDS ASSESSMENT: FOOD SECURITY, NUTRITION, AND MENTAL HEALTH OF ADOLESCENTS DURING THE COVID-19 PANDEMIC IN INDONESIA

M. ASRULLAH

16:50 - 16:55

BARRIERS AND FACILITATORS TO IMPLEMENTING MULTIPLE MICRONUTRIENT SUPPLEMENTATION TO PREGNANT WOMEN

T. DANH LE

16:55 - 17:00

MIND THE GAP - OPTIMISING DIETS OF OLDER ADULTS TO IMPROVE NUTRIENT INTAKE USING THE SMALLEST FEASIBLE DIETARY CHANGE

B. BRAY

17:00 - 17:05

PREVALENCE AND DETERMINANTS OF WASTING, STUNTING, UNDERWEIGHT AND OVERWEIGHT AMONG CHILDREN UNDER 5 YEARS OLD IN MONGOLIA: FINDINGS FROM MONGOLIA'S VI NATIONAL NUTRITION SURVEY, 2023

A. BYAMBADORJ

17:05 - 17:10

PREVALENCE OF THIAMINE DEFICIENCY/VITAMIN B1 DEFICIENCY/BERIBERI AND ASSESSMENT OF BEHAVIOURAL CHANGE COMMUNICATION IN PREGNANT AND LACTATING MOTHERS IN NORTHEAST INDIA IN PREVENTING INFANTILE BERIBERI

M.K. MUMMADI

17:10 - 17:15

PERIODIC REVISIONS OF THE CHOICES INTERNATIONAL 5-LEVEL NUTRIENT PROFILING MODEL

A.J. ROODENBURG

17:15 - 17:20

VITAMIN D IN PRENATAL LIFE AND THE RISK OF CHILDHOOD ASTHMA

F. THORSTEINSDOTTIR

17:20 - 17:25

STAKEHOLDERS AWARENESS, ACCEPTANCE, AND PERCEIVED BARRIERS TO THE ADOPTION OF FOOD AND NUTRITION GUIDELINES (FNIGS)

G.A.Y. OHEMENG

17:25 - 17:30

THE INFLUENCE OF A MANDATORY VITAMIN D FORTIFICATION POLICY IN DENMARK ON NEONATAL 25(OH)D CONCENTRATIONS

I. SPECHT

17:30 - 17:35

TRANSITIONING FROM IRON-FOLIC ACID TO MULTIPLE MICRONUTRIENT SUPPLEMENTATION: HEALTH SYSTEM PERSPECTIVES IN NEPAL

M.A. HOANG

17:35 - 17:40

DIETARY CADMIUM EXPOSURE AND HEALTH RISKS: INSIGHTS FROM A BULGARIAN STUDY

V. BIRDANOVA

17:40 - 17:45

ENHANCING MATERNAL AND CHILD HEALTH: A CROSS-NATIONAL ANALYSIS OF NUTRITION SERVICE READINESS IN SUB-SAHARAN AFRICA

R. DISSIEKA

17:45 - 17:50

MICRONUTRIENT STATUS OF INDIAN ELDERLY WITH MOCA BASED MILD COGNITIVE IMPAIRMENT

V. VEPAKOMMA

17:50 - 17:55

BRIDGING THE GAP BETWEEN POLICY AND PRACTICE: COMMUNITY HEALTH WORKERS' CONTRIBUTIONS TO NUTRITION SERVICES IN SUB-SAHARAN AFRICA

A. SINGH

A. SINGH

A. SINGH

A. SINGH

Tuesday August 26th

16:45 - 18:15

SPONSORED SESSION 01

SP01

SPONSORED SYMPOSIUM

Grand Amphitheatre



Tuesday August 26th

16:45 - 18:15

SPONSORED SESSION 02

SP02

SPONSORED SYMPOSIUM

Amphitheatre Bleu



Tuesday August 26th

16:45 - 18:15

SPONSORED SESSION - ALMOND BOARD OF CALIFORNIA

SP03

SPONSORED SYMPOSIUM

Room Maillot



Tuesday August 26th

16:45 - 18:15

SPONSORED SESSION - AMERICAN SOCIETY FOR NUTRITION

SP04

SPONSORED SYMPOSIUM

Room 241



Tuesday August 26th

16:45 - 18:15

SPONSORED SESSION - FRUIT JUICE SCIENCE CENTRE

SP05

SPONSORED SYMPOSIUM

Room 242A



Tuesday August 26th

16:45 - 18:15

SPONSORED SESSION - BAYER

SP06

SPONSORED SYMPOSIUM

Room 242B



Tuesday August 26th

16:45 - 18:15

SPONSORED SESSION - GROUPE BEL

SP07

SPONSORED SYMPOSIUM

Room 243



Tuesday August 26th

16:45 - 18:15

SPONSORED SESSION 08

SP08

SPONSORED SYMPOSIUM

Room 251



Tuesday August 26th

16:45 - 18:15

SPONSORED SESSION - THE PEANUT INSTITUTE

SP09

SPONSORED SYMPOSIUM

Room 252A



Tuesday August 26th

16:45 - 18:15

SPONSORED SESSION 10

SP10

SPONSORED SYMPOSIUM

Room 252B



Tuesday August 26th

16:45 - 18:15

SPONSORED SESSION 11

SP11

SPONSORED SYMPOSIUM

Room 253



Tuesday August 26th

16:45 - 18:15

SPONSORED SESSION 12

SP12

SPONSORED SYMPOSIUM

Room 341



Tuesday August 26th

16:45 - 18:15

SPONSORED SESSION 13

SP13

SPONSORED SYMPOSIUM

Room 342A



Tuesday August 26th

16:45 - 18:15

SPONSORED SESSION 14

SP14

SPONSORED SYMPOSIUM

Room 342B



Wednesday August 27th

08:00 - 09:30

SOAP 25 - GLOBAL HEALTH AND PLANETARY NUTRITION

SOAP25

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



08:00 - 08:05

VALIDATION OF TWO PORTION SIZE ESTIMATION METHODS FOR USE WITH THE GLOBAL DIET QUALITY SCORE APPLICATION

M. MOURSI

08:05 - 08:10

METADATA DRIVEN DISCOVERY: A GLOBAL EFFORT OF DATA INTEROPERABILITY FOR HUMAN AND PLANETARY HEALTH

J. GALLO

08:10 - 08:15

UNEQUAL PLATES, UNEVEN HEALTH: EXAMINING NUTRITION DISPARITIES IN RURAL AND URBAN INDIA

R. SENDHIL

08:15 - 08:20

USING MID-UPPER ARM CIRCUMFERENCE (MUAC) Z-SCORE TAPE FOR COMMUNITY PEDIATRIC NUTRITION RISK ASSESSMENT AND MONITORING: EXPERIENCES AND LESSONS FROM SOUTHWESTERN KENYA

D. BASSAH

08:20 - 08:25

IMPACT OF COMMUNICATION/SOCIAL MOBILIZATION ON MASS CAMPAIGN COVERAGE: THE CASE OF DECEMBER 2023 VITAMIN A SUPPLEMENTATION CAMPAIGN IN A WEST AFRICA COUNTRY

F. AMADOU CISSE

08:25 - 08:30

PREVALENCE OF STUNTING IN CHILDREN UNDER FIVE YEARS IN INDONESIA: A SYSTEMATIC REVIEW AND META-ANALYSIS

D.G. DOMINGO

08:30 - 08:35

PHYSICAL ACTIVITY LEVEL, NON-AEROBIC FITNESS AND BODY COMPOSITION IN VEGETARIAN AND OMNIVOROUS ADULTS: A COMPARATIVE ANALYSIS OF A CROSS-SECTIONAL STUDY

M. APPUKUTTY,

08:35 - 08:40

STRENGTHENING SALT REDUCTION POLICY FOR MALAYSIA THROUGH MAXIMUM SALT TARGETS OF SELECTED FOOD GROUPS: ENGAGEMENT WITH INDUSTRY STAKEHOLDERS

S. SHAHAR

08:40 - 08:45

STUDY OF THE NUTRITIONAL POTENTIAL AND ANTIOXIDANT POWER OF CARROT JUICE YOGHURT FOR THE PREVENTIVE MANAGEMENT OF OXIDATIVE STRESS IN INDIVIDUALS SUFFERING FROM VITAMIN A DEFICIENCY

N.R.V. DJUIKWO

08:45 - 08:50

GLOBAL, REGIONAL, AND NATIONAL BURDEN OF CANCERS ATTRIBUTABLE TO DIET FROM 1990 TO 2021 AND PROJECTION TO 2035: AN ANALYSIS OF THE GLOBAL BURDEN OF DISEASE STUDY

X. LIU

08:50 - 08:55

LOW TRANSFERRIN LEVELS ARE ASSOCIATED WITH MORTALITY IN KENYAN CHILDREN WITH SEVERE ACUTE MALNUTRITION

K.M. ABUGA

08:55 - 09:00

IMPACT OF HOUSEHOLD USE OF MULTIPLE MICRONUTRIENT-FORTIFIED BOUILLON CUBES ON CHILD DEVELOPMENT OUTCOMES AMONG CHILDREN 2 TO 5 YEARS OF AGE IN

NORTHERN GHANA

E.R.. BECHER

09:00 - 09:05

EFFECTIVENESS OF CONTEXT-ADAPTED IMPROVED DIET AND COUNSELING ON RECOVERY OF CHILDREN FROM MODERATE ACUTE MALNUTRITION (MAM) IN BANGLADESH: A CLUSTER RANDOMIZED CONTROL TRIAL

M.A. ALIM

09:05 - 09:10

LESS IS MORE: THE SENTINEL FOOD APPROACH FOR MEASURING FOOD GROUP CONSUMPTION

A. HERFORTH

09:10 - 09:15

PLANETARY HEALTH DIET AND MICRONUTRIENT INTAKE ADEQUACY IN AN ADULT COHORT

M. BES-RASTROLLO

09:15 - 09:20

THE WORLD FOOD MAP: A TOOL FOR UNDERSTANDING BIOCULTURAL FOOD DIVERSITY FOR RESILIENT AND SUSTAINABLE FOOD SYSTEMS

C. VOGLIANO

Wednesday August 27th

08:00 - 09:30

SOAP 26 - FOOD SCIENCE, GASTRONOMY AND LIFE QUALITY

SOAP26

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



08:00 - 08:05

IS THERE AN ASSOCIATION BETWEEN DEPRESSION AND OMEGA-3 FATTY ACID STATUS? - RESULTS OF A CROSS-SECTIONAL STUDY IN CHILDREN AND ADOLESCENTS

E. HOHOFF

08:05 - 08:10

PERSONALIZED LIFESTYLE ADVICE FOR PEOPLE WITH TYPE 2 DIABETES – USING CONTINUOUS GLUCOSE MONITORING AND CONTEXTUAL DATA

I.M. DE HOOGH

08:10 - 08:15

DYNAMIC GLYCEMIC ADAPTATIONS FOLLOWING LONG-TERM FASTING: PRELIMINARY INSIGHTS FROM THE FASTFORWARD STUDY

M. KNUFINKE

08:15 - 08:20

SERUM METABOLOMES AND PROTEOMES LINKING CIRCULATING MONOUNSATURATED FATTY ACIDS TO ATHEROSCLEROSIS PROGRESSION AND CARDIOVASCULAR MORTALITY

Y. CHEN

08:20 - 08:25

NUTRITION CARE PROCESS IMPLEMENTATION AND ASSOCIATED DETERMINANTS IN THE SCANDINAVIAN REGION; AN INIS 2023 UPDATE STUDY

G. IHEME

08:25 - 08:30

OLIVE LEAF EXTRACT SUPPLEMENTATION IMPROVES POSTMENOPAUSAL SYMPTOMS: A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED PARALLEL STUDY IN POSTMENOPAUSAL WOMEN

A. LASFAR

08:30 - 08:35

INVESTIGATING THE BIOLOGICAL EFFECTS OF CONSUMING A MULTI-FIBER DIETARY INTERVENTION IN AT-CARDIOMETABOLIC RISK INDIVIDUALS USING A COMPREHENSIVE MULTI-LEVEL PHENOTYPING APPROACH

J.A. NAZARE

08:35 - 08:40

ARONIA MELANOCARPA EXTRACT SUPPLEMENTATION AFFECTS BRAIN VASCULAR FUNCTION AND COGNITIVE PERFORMANCE: A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, CROSS-OVER STUDY IN OLDER ADULTS WITH OVERWEIGHT OR OBESITY

D. LA TORRE

08:40 - 08:45

CLUSTERING AND PREDICTING VERY SHORT-TERM NUTRITIONAL OUTCOMES FOLLOWING INITIAL DIAGNOSIS OF RESTRICTIVE ANOREXIA NERVOSA: A CROSS-DISCIPLINARY APPROACH

J.P. CHARRAT

08:45 - 08:50

INFLUENCE OF TYPE 2 DIABETES RISK GENES AND FREE SUGAR INTAKES ON BIOCHEMICAL MARKERS OF GLUCOSE METABOLISM IN HEALTHY ELDERLY INDIVIDUALS

E. ALONSO-APERTE

08:50 - 08:55

GLYCEMIC CONTROL FOLLOWING A DIET HIGH IN SLOWLY DIGESTIBLE STARCH IN TYPE 2 DIABETIC PATIENTS

A. MEYNIER

08:55 - 09:00

NUTRITIONAL FACTORS IN PEOPLE WITH NEUROMOTOR DISABILITY UNDERGOING FLAP SURGERY FOR OSTEOMYELITIS ASSOCIATED PRESSURE ULCERS: AN INTERIM ANALYSIS OF A SINGLE-CENTER PROSPECTIVE OBSERVATIONAL STUDY

E. MAYAN

09:00 - 09:05

COMPARISON OF THE EFFECT OF OMEGA-3 VS. MCT SUPPLEMENTATION ON IRON-RELATED INDICES IN PATIENTS UNDERGOING DIALYSIS

S. DOAEI

09:05 - 09:10

CIRCADIAN HUNGER FEELING IN SUBTYPES OF ANOREXIA NERVOSA: HETEROGENEITY OF HUNGER FEELING IN ANOREXIA NERVOSA

N. GERMAIN

09:10 - 09:15

IMPACT OF OLIVE OIL AND MEDIUM- AND LONG-CHAIN TRIGLYCERIDES ON CARDIOMETABOLIC MARKERS, PLASMA METABOLOME, AND GUT MICROBIOME IN METABOLIC SYNDROME

P. ZHUANG

Wednesday August 27th

08:00 - 09:30

SOAP 27 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP27

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



08:00 - 08:05

ENHANCING THE VISIBILITY AND INTEGRATION OF SUSTAINABILITY IN THE NUTRITION AND DIETETICS EDUCATION PROGRAM

I. SCROYEN

08:05 - 08:10

ESTABLISHING A SUSTAINABLE SOCIAL BUSINESS MODEL FOR MULTIPLE MICRONUTRIENT SUPPLEMENTS FOR PREGNANT WOMEN THROUGH PHARMACY NETWORKS IN BANGLADESH

N. AZAD

08:10 - 08:15

COST-EFFICIENCY ANALYSIS OF MULTISECTORAL INTERVENTIONS TO PREVENT STUNTING IN ANGOLA: LESSONS LEARNT FROM THE MUCCUA TRIAL

R. MARTIN-CAÑAVATE

08:15 - 08:20

SERUM VITAMIN B12 LEVELS AND DIETARY INTAKE IN YOUNG ADULTS: A STUDY ON VITAMIN B12 STATUS AND ITS ASSOCIATION WITH BODY WEIGHT

V. BIRDANOVA

08:20 - 08:25

THE NUTRITIONAL QUALITY OF THE FIVE-YEAR INVENTORY OF AN AUSTRALIAN FOOD RELIEF ORGANISATION

T.S.D. CHANDRA

08:25 - 08:30

**PREGNANCY WEIGHT GAIN AND REDUCTION OF LOW-BIRTH-WEIGHT IN CHILDREN
ENGAGING COMMUNITY LED MOTHER SUPPORT GROUP IN RURAL BANGLADESH**

R. AKTER

08:30 - 08:35

**OPPORTUNITY COST ESTIMATION OF PARTICIPATING IN THREE MATERNAL AND CHILD
INTERVENTIONS IN SOUTH ANGOLA: RESULTS FROM THE MUCCUA TRIAL**

R. MARTIN-CAÑAVATE

08:35 - 08:40

**WAS THE INCREASE IN BREASTFEEDING INITIATION AND DURATION IN FRANCE BETWEEN
2012 AND 2021 OBSERVED WHATEVER THE LEVEL OF MATERNAL EDUCATION? RESULTS
FROM THE EPIFANE 2012 AND 2021 COHORTS**

J. BOUDET-BERQUIER

08:40 - 08:45

**BARRIERS AND PROMOTERS OF EARLY INITIATION AND CONTINUED BREASTFEEDING
AMONG CAREGIVERS OF CHILDREN AGED (0-23 MONTHS)**

B. KIHKA

08:45 - 08:50

**ADVANCING MATERNAL NUTRITION: EVALUATING MULTIPLE MICRONUTRIENT SUPPLEMENT
ACCEPTABILITY IN SIERRA LEONE'S ANC SERVICES**

U. JALLOH

08:50 - 08:55

**IMPROVING GROWTH AND FEEDING PRACTICES OF CHILDREN UNDER TWO (U-2) YEARS
THROUGH ANIMAL SOURCE FOOD, MULTIPLE MICRONUTRIENT POWDER AND
PSYCHOSOCIAL STIMULATION IN A RESOURCE-POOR SETTING: PRELIMINARY RESULTS
FROM A RANDOMIZED CONTROLLED TRIAL**

G. ARA

08:55 - 09:00

**INFLUENCE OF FOOD INSECURITY AND ACCULTURATION ON DIETARY CHANGES AMONG
STUDENTS FROM FRENCH OVERSEAS REGIONS AFTER RELOCATION TO MAINLAND**

FRANCE

M. ANTOINE

09:00 - 09:05

ADHERENCE TO SRI LANKAN FOOD-BASED DIETARY GUIDELINES AND CARDIOMETABOLIC RISK FACTORS AMONG ADULTS ATTENDING HEALTHY LIFESTYLE CENTERS IN SRI LANKA: A CROSS-SECTIONAL STUDY

K.M. RATHNAYAKE

09:05 - 09:10

IMPACT OF SUPPLEMENTATION WITH FORTIFIED BALANCED ENERGY-PROTEIN DURING PREGNANCY ON BIRTH OUTCOMES: A COMMUNITY-BASED RANDOMIZED TRIAL AMONG PREGNANT WOMEN IN SOUTHERN NEPAL

D. ERCHICK

09:10 - 09:15

FOOD BIODIVERSITY AND WEIGHT VARIATION: ASSOCIATIONS IN A FRENCH COHORT

B. SROUR

Wednesday August 27th

09:00 - 17:00

CHANTILLY CASTLE TOUR

TT2

TECHNICAL TOURS

Chantilly Castle



DESCRIPTION

Explore this great, beautiful and chic Estate of Chantilly, the Château & the gardens. The Chateau de Chantilly is one of the finest jewels in the crown of France's cultural heritage. It is also the work of a man with an extraordinary destiny: Henri d'Orléans, Duke of Aumale (1822-1897), fifth son of Queen Marie-Amélie and King Louis-Philippe, the last King of France. Thanks to the precautions taken by the Duke of Aumale in his will, Chantilly remains, more than a century later, a showcase of preserved works where the charm of the 19th century continues to reign. In the Atelier de la Chantilly classroom, in groups of 15: a cream whipping demonstration, followed by a musical battle with a draw for whips from the gallery of whips and a game of dares. Who will be the first to whip the cream into Chantilly? At the end of the battle, the mysterious origins of Chantilly cream will be revealed. Each participant takes home a jar of whipped cream. Price (per person): 278€ (inc. VAT) Tour includes: English Tour Guide, Entrance tickets, Headphones, Lunch bag

Wednesday August 27th

09:30 - 10:00

BREAK

Exhibition Hall



Wednesday August 27th

10:00 - 11:00

GLOBAL PROBLEM OF OBESITY IN 2025 AND PERSPECTIVES FOR THE FUTURE

PL5

PLENARY LECTURE

Grand Amphitheatre



LISTE DES INTERVENANTS

SPEAKER(S)

S. BARQUERA

10:00 - 11:00

GLOBAL PROBLEM OF OBESITY IN 2025 AND PERSPECTIVES FOR THE FUTURE

S. BARQUERA

Wednesday August 27th

10:00 - 11:00

WHAT'S NEW IN 2025 FROM EAT- LANCET 2.0.

PL6

PLENARY LECTURE

Amphitheatre Bleu



LISTE DES INTERVENANTS

SPEAKER(S)

F. DECLERCK

10:00 - 11:00

WHAT'S NEW IN 2025 FROM EAT- LANCET 2.0.

F. DECLERCK

Wednesday August 27th

11:15 - 12:45

SOAP 28 - THE FUTURE OF NUTRITION RECOMMENDATIONS

SOAP28

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



11:15 - 11:20

DEVELOPMENT AND EVALUATION OF A SELF-ADMINISTERED WEB-BASED DIETARY ASSESSMENT TOOL FOR ASSESSING DUTCH HABITUAL DIETARY INTAKE AGAINST A WEB-BASED DIETARY 24-H RECALL TOOL (COMPL-EAT™): THE NUTRI+ MODULE

L. PETERS,

11:20 - 11:25

ACCEPTABILITY, USABILITY, AND USER PREFERENCES OF SMARTPHONE APPLICATIONS FOR TRACKING AND IMPROVING FOOD CHOICES AMONG ADOLESCENT GIRLS

N. KARUNARATHNA

11:25 - 11:30

CAN GENE-BASED RECOMMENDATION OUTPERFORM STANDARD WEIGHT LOSS ADVICE? A RANDOMIZED TRIAL

J. NACIS

11:30 - 11:35

ARE WE COMPARING THE INCOMPARABLE IN DICHOTOMOUS MEASURES OF CHILDHOOD NUTRITION?~ AN EXPLORATION USING FOSTER-GREER-THORBECKE INDEX IN INDIA

S. DEY

11:35 - 11:40

POTENTIAL OF USING A “AGRI-NUTRI-SMART” SCHOOL GARDEN: ADDRESSING NUTRITION CHALLENGES OF SCHOOL CHILDREN IN SRI LANKA

S. INDRAMALI

11:40 - 11:45

**METHODOLOGY FOR UPDATING THE DUTCH WHEEL OF FIVE USING DIET OPTIMIZATION:
INTEGRATING HEALTH, SUSTAINABILITY AND FOOD SAFETY WHILE TAKING INTO ACCOUNT
CURRENT DIETARY INTAKE**

T. VAN ELTEN

11:45 - 11:50

**EDUCATORS' PERSPECTIVES ON FOOD LITERACY EDUCATION IN SRI LANKAN SCHOOLS:
BARRIERS AND PATHWAYS TO IMPROVEMENT**

M. KARUNANAYAKA

11:50 - 11:55

**EFFECT OF DIETARY MEASURES AND MORINGA OLEIFERA LEAVES ON NEUROPATHIC PAIN
IN TYPE 2 DIABETIC PATIENTS**

K. DOSSOU-YOVO

11:55 - 12:00

**CREATING DEMAND FOR SUSTAINABLE AND CULTURALLY RELEVANT NUTRITIOUS
PRACTICES THROUGH THE APPLICATION OF SOCIAL AND BEHAVIORAL SCIENCE
PRINCIPLES**

Y. MANYUK

12:00 - 12:05

**A DIGITAL-FIRST APPROACH WITH PERSONALIZED NUTRITION ADVICE OR MEAL BOXES
LEADS TO DIFFERENT LEVELS OF WEIGHT LOSS**

F. HOEVENAARS

12:05 - 12:10

**SMART NUTRITION: DEVELOPMENT OF AN ARTIFICIAL INTELLIGENCE-BASED, GAMIFIED
PHONE APP PROTOTYPE TO TRACK AND IMPROVE THE FOOD CHOICES OF ADOLESCENT
GIRLS IN SRI LANKA**

N. KARUNARATHNA

12:10 - 12:15

**DIETARY INTAKE BASED ON NOVA CLASSIFICATION ACCORDING TO SELF-REPORTED
DIETARY PRACTICES AMONG PARTICIPANTS OF THE NUTRINET-BRASIL COHORT STUDY**

M.J.S. LEITE

12:15 - 12:20

HOW IS SNACKING RELATED TO DIET QUALITY IN THE UNITED STATES? ANALYSES OF THE RECENTLY RELEASED NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY (NHANES) 2021-2023

C. REHM

12:20 - 12:25

QUALITATIVE ANALYSIS OF FOOD AID IN CONTROLLING FOOD INSECURITY

E.P. YUDHA

12:25 - 12:30

THE NIGERIAN HEALTHY FOOD ENVIRONMENT POLICY INDEX: IDENTIFYING POLICY GAPS AND POLICY ACTIONS THROUGH NATIONAL EXPERT PERSPECTIVES

S.L. OSAKUE

12:30 - 12:35

FACTORS INFLUENCING WILLINGNESS-TO-EAT AND PURCHASE INTENTION OF MORINGA-MODIFIED BREAD: THE ROLE OF SENSORY PROPERTIES AND FOOD NEOPHOBIA

A. MOMODU

Wednesday August 27th

11:15 - 12:45

SOAP 29 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP29

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



11:15 - 11:20

MICROPLASTICS IN FOOD AS A POTENTIAL HEALTH RISK: MECHANISMS OF IMPACT AND MITIGATION STRATEGIES

A. BASPAKOVA

11:20 - 11:25

FROM THEORY TO ACTION: IMPACT OF A BREASTFEEDING EDUCATION INTERVENTION ON KNOWLEDGE, SKILLS, AND CONSTRUCTS OF THE THEORY OF PLANNED BEHAVIOUR OF MEXICAN NUTRITION STUDENTS

B. VIZMANOS LAMOTTE

11:25 - 11:30

ONE NUTRITION COVERAGE SURVEY - LEARNINGS FROM A METHODS-DRIVEN HOUSEHOLD SURVEY TO ESTIMATE CO-COVERAGE AND EQUITY OF MULTI-SECTORAL NUTRITION INTERVENTIONS

S. MANOHAR

11:30 - 11:35

MONITORING CHANGES IN IODINE STATUS IN THE UK

K. JONES

11:35 - 11:40

EVALUATING THE NUTRITIONAL QUALITY AND LABELLING OF CANADIAN FOOD PRODUCTS FOR INFANTS AND YOUNG CHILDREN USING THE WHO NUTRIENT AND PROMOTION PROFILE MODEL

M. L'ABBE

11:40 - 11:45

LIFESTYLE PATTERNS IN PRESCHOOLERS AND THEIR IMPACT ON OVERWEIGHT RISK: A STUDY ON SCREEN TIME, SLEEP, DIET, AND ACTIVITY

M. MORAES

11:45 - 11:50

REAL WORLD INTERVENTIONS TO INCREASE DIETARY FIBRE INTAKE IN CHILDREN, ADOLESCENTS AND LOW INCOME CONSUMERS

D. LOUISE

11:50 - 11:55

ASSESSING THE SCHOOL FOOD ENVIRONMENT TO IMPROVE ADOLESCENT NUTRITION IN URBAN COMOROS: FROM POLICY AMBITIONS TO COMMUNITY REALITIES

H. HASSANI

11:55 - 12:00

LINEAR GROWTH VELOCITY VARIES BY SEVERITY OF THINNESS IN NEPALI PRESCHOOLERS

S. MANOHAR

12:00 - 12:05

STUDY ON THE PERCEPTION OF THE NUTRI-SCORE AND ITS IMPACT ON PURCHASING BEHAVIORS AMONG RETAIL MANAGERS AND CONSUMERS IN THE HAUTS-DE-FRANCE REGION

L. LEBRUN

12:05 - 12:10

BALANCING BUSINESS AND PUBLIC HEALTH: RETAILER PERSPECTIVES AND ECONOMIC IMPACT OF VOLUNTARY ENERGY DRINK SALES RESTRICTIONS

G. TRAPP

12:10 - 12:15

PREDICTORS OF MALNUTRITION AMONG INFANTS AND YOUNG CHILDREN IN AN URBAN COMMUNITY IN THE GREATER ACCRA REGION OF GHANA

L. FYNN

12:15 - 12:20

**FORMULATION OF NUTRIENT-DENSE BISCUIT TO REDUCE MALNUTRITION PREVALENCE
AMONG VULNERABLE SCHOOL AGE CHILDREN IN NIGERIA**

R. AKERELE,

12:20 - 12:25

**MONITORING MICRONUTRIENT STATUS IN THE UK - RECENT RESULTS FROM THE UK
NATIONAL DIET AND NUTRIENT SURVEY**

K. JONES

12:25 - 12:30

**MOBILITY AND EXPOSURE TO MULTIPLE FOOD ENVIRONMENTS IN CHILDREN AGED 10-14
YEARS**

J. PEÑA

12:30 - 12:35

**END USERS, REGULATORS, IMPLEMENTERS AND HEALTHCARE PROFESSIONALS'
AWARENESS, IMPLEMENTATION AND USE OF THE 2007 WHO GUIDELINES ON THE SAFE
PREPARATION, STORAGE AND HANDLING OF POWDERED INFANT FORMULA: QUALITATIVE
FINDINGS FROM GHANA, ENGLAND AND WALES**

S. MANASEKI-HOLLAND

Wednesday August 27th

11:15 - 12:45

SOAP 30 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP30

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



11:15 - 11:20

ESTIMATING THE POTENTIAL HEALTH IMPACTS OF THE UK SALT REDUCTION PROGRAMME ON CARDIOVASCULAR DISEASE: FINDINGS FROM A MODELLING STUDY

L. BANDY

11:20 - 11:25

NUTRISHED: A FRAMEWORK TO ASSESS THE RESILIENCE OF KEY NUTRIENT FLOWS IN URBAN FOOD SYSTEMS

R. ARYEETAY

11:25 - 11:30

IMPACT OF TARGETING STRATEGIES FOR BALANCED ENERGY PROTEIN SUPPLEMENTATION IN PREGNANCY ON ADVERSE BIRTH OUTCOMES: RESULTS OF A CLUSTER RANDOMIZED CONTROLLED TRIAL IN RURAL BANGLADESH

T. SIDDIQUA

11:30 - 11:35

SHOULD POPULAR WEIGHT-LOSS SUPPLEMENTS BE CONSIDERED SAFE? A SYSTEMATIC REVIEW OF CASE REPORTS OF GARCINIA CAMBOGIA SUPPLEMENTS

T. FIOLET

11:35 - 11:40

NURTURING CARE IN THE FIRST 10 YEARS OF LIFE: RESULTS FROM A VIETNAMESE LONGITUDINAL STUDY

U. RAMAKRISHNAN

11:40 - 11:45

CREATING A GLOBAL CALCIUM DASHBOARD TO HIGHLIGHT COUNTRY-SPECIFIC DATA ON CALCIUM INTAKES, POLICIES, AND RELATED HEALTH OUTCOMES

Z. RANA

11:45 - 11:50

RISK FACTORS FOR MENTAL DISORDERS IN PREGNANT WOMEN: A COMPARISON BETWEEN THE JUNDIAÍ AND ARARAQUARA COHORTS IN BRAZIL

A. VICTOR

11:50 - 11:55

A 'VALUE FOR INVESTMENT' ANALYSIS OF FREE, HEALTHY SCHOOL LUNCHES IN NEW ZEALAND

B. SWINBURN

11:55 - 12:00

THE ASSOCIATIONS BETWEEN MATERNAL MILK MICROBIOME, OLIGOSACCHARIDES AND INFANT GUT MICROBIOTA: INSIGHTS FROM A BURKINABE COHORT STUDY

L. DENG

12:00 - 12:05

CARDIOVASCULAR RISK FACTORS IN BRAZILIAN SCHOOLCHILDREN

S. DIOGO

12:05 - 12:10

IMPACT OF CASH TRANSFERS AND DIGITAL NUTRITION COUNSELLING ON MATERNAL NUTRITION KNOWLEDGE: RESULTS FROM THE SHONJIBON TRIAL

H. TANVIR

12:10 - 12:15

NUTRITION INTERVENTION COVERAGE AND EQUITY IN SUB-SAHARAN AFRICA: AN ANALYSIS OF DEMOGRAPHIC AND HEALTH SURVEYS

R.K.. BENEDICT

12:15 - 12:20

EVOLUTION OF LEGUMES CONSUMPTION AND ASSOCIATED FACTORS IN THREE WEST AFRICA COUNTRIES

F.S.U. BODJRENOU

12:20 - 12:25

LONGITUDINAL CHANGES OF HUMAN MILK LACTOFERRIN DURING THE FIRST YEAR: A PROSPECTIVE COHORT STUDY

Z. YANG

12:25 - 12:30

ENHANCING ADHERENCE TO BALANCED ENERGY PROTEIN SUPPLEMENTS THROUGH COMMUNITY HEALTH RESEARCH WORKERS IN RURAL BANGLADESH

A. RAHMAN

Wednesday August 27th

12:45 - 14:00

LUNCH BREAK

Exhibition Hall



Wednesday August 27th

13:00 - 13:45

LUNCHEON SEMINAR 19

LS19

LUNCHEON SEMINAR

Room Maillot



Wednesday August 27th

13:00 - 13:45

LUNCHEON SEMINAR 20

LS20

LUNCHEON SEMINAR

Room 241



Wednesday August 27th

13:00 - 13:45

LUNCHEON SEMINAR - SCIENCE PROTECT

LS21

LUNCHEON SEMINAR

Room 242A



Wednesday August 27th

13:00 - 13:45

LUNCHEON SEMINAR 22

LS22

LUNCHEON SEMINAR

Room 242B



Wednesday August 27th

13:00 - 13:45

LUNCHEON SEMINAR 23

LS23

LUNCHEON SEMINAR

Room 243



Wednesday August 27th

13:00 - 13:45

LUNCHEON SEMINAR 24

LS24

LUNCHEON SEMINAR

Room 251



Wednesday August 27th

13:00 - 13:45

LUNCHEON SEMINAR 25

LS25

LUNCHEON SEMINAR

Room 252A



Wednesday August 27th

13:00 - 13:45

LUNCHEON SEMINAR 26

LS26

LUNCHEON SEMINAR

Room 252B



Wednesday August 27th

13:00 - 13:45

LUNCHEON SEMINAR 27

LS27

LUNCHEON SEMINAR

Room 253



Wednesday August 27th

14:00 - 15:30

OAP 29 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

OAP29

ORAL ABSTRACT PRESENTATION

Grand Amphitheatre



14:00 - 14:10

LOW-CARBON DIETS IN PRACTICE: BALANCING HEALTH AND SUSTAINABILITY THROUGH MEAL SERVICE STRATEGIES

K.Y. CHANG

14:10 - 14:20

ENVIRONMENTAL IMPACT AND PRICE OF NUTRIENT ADEQUATE DIETS; INSIGHTS FROM OPTIMISATION MODELLING USING THE IOTA MODEL®

M. TAVAN

14:20 - 14:30

TRUE ILEAL AMINO ACID DIGESTIBILITY OF TENEBRIO MOLITOR LARVAE DETERMINED BY THE DUAL STABLE-ISOTOPE TRACER METHOD IN YOUNG WOMEN

D. MORETTI

14:30 - 14:40

ADHERENCE OF THE SWISS DIET TO THE EAT-LANCET PLANETARY HEALTH DIET AND ITS RELATED SUSTAINABILITY IMPACTS

G. PESTONI

14:40 - 14:50

A 10-MONTH CLUSTER-RANDOMIZED TRIAL TO SHIFT TOWARDS PLANT-FORWARD MEALS IN EARLY CHILDHOOD EDUCATION AND CARE CENTERS – EFFECTS ON BONE AND MINERAL METABOLISM IN FINNISH CHILDREN

S. ITKONEN

14:50 - 15:00

**BIO-ORGANIC FERTILIZATION OF UPLAND RICE IN MADAGASCAR : EFFECT ON
NUTRITIONAL COMPOSITION OF RICE GRAINS AND CHARACTERIZATION OF FARMER'S RICE-
BASED DIETS**

C. ICARD-VERNIÈRE

15:00 - 15:10

**DAIRY TRENDS IN THE UNITED KINGDOM: A COMPREHENSIVE ANALYSIS OF DIET, NUTRIENT,
AND ENVIRONMENTAL IMPACTS USING THE NATIONAL DIET AND NUTRITION SURVEY**

A. VONDERSCHMIDT

15:10 - 15:20

**ASSESSING DIETARY GREENHOUSE GAS EMISSIONS IN KOREA IMPLICATIONS FOR
SUSTAINABLE NUTRITION AND CLIMATE CHANGE MITIGATION**

J. HONG

15:20 - 15:30

**WISEFOOD PROJECT: A PROTOCOL FOR UTILISING ARTIFICIAL INTELLIGENCE TO ENHANCE
HEALTHY AND SUSTAINABLE HOUSEHOLD FOOD CHOICES**

C. M. TIMON

Wednesday August 27th

14:00 - 15:30

OAP 30 - BASIC RESEARCH IN NUTRITION

OAP30

ORAL ABSTRACT PRESENTATION

Amphitheatre Bleu



14:00 - 14:10

ACCURACY OF BODY COMPOSITION ESTIMATION USING BIOELECTRICAL IMPEDANCE ANALYSIS (BIA) – COMPARISONS BETWEEN SEVEN MODELS WITH DUAL ENERGY X-RAY ABSORPTIOMETRY (DXA) –

M. KAGAWA

14:10 - 14:20

BUILDING CAPACITY FOR MICRONUTRIENT RESEARCH IN AFRICA: CHALLENGES AND INSIGHTS FROM A DOSE-FINDING TRIAL IN KENYA

J. WAENI

14:20 - 14:30

ALISTIPES INDISTINCTUS WITH POTENTIAL PROBIOTIC CHARACTERISTICS PREVENTS LIPOPOLYSACCHARIDE-INDUCED INTESTINAL BARRIER INJURY

X. YINGXI

14:30 - 14:40

CHRONIC ELECTROACUPUNCTURE (EA) TREATMENT IN OBESE MINIPIGS MODIFIED GENE EXPRESSION AND BOLD FMRI BRAIN FUNCTIONAL RESPONSES TO FURTHER EA AND SWEET GUSTATORY STIMULATION IN THE CORTICO-LIMBIC-STRIATAL CIRCUITS

D. VAL-LAILLET

14:40 - 14:50

A NOVEL PROTOCOL FOR EXTRACTING DIETARY DERIVED MICRORNAS FROM GASTROINTESTINAL DIGESTA

M. CIFUENTES ACEBAL

14:50 - 15:00

VALIDATION OF THE INTERVIEWER-BASED 24-H DIETARY RECALL APP 'CATCH-24' FOR DIETARY ASSESSMENT IN LMIC

K. BORGONJEN-VAN DEN BERG

15:00 - 15:10

ENHANCEMENTS TO THE NATIONAL SCHOOL NUTRITION PROGRAMME (NSNP) TO DIVERSIFY MENUS AND IMPROVE MEAL QUALITY, SERVICE, AND FACILITIES IN SOUTH AFRICA

A. REDDY

15:10 - 15:20

TRANSLATIONAL FOODOMICS: BRIDGING PLANETARY AND HUMAN HEALTH—CASE STUDIES ON POTATO AND RICE BRAN

S. TOULABI

15:20 - 15:30

NEW INSIGHT INTO THE PROTEOME AND METHYLPROTEOME OF MITOCHONDRIA-ASSOCIATED MEMBRANES IN HEPATIC STEATOSIS

G. ZOULIM

Wednesday August 27th

14:00 - 15:30

OAP 31 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP31

ORAL ABSTRACT PRESENTATION

Room Maillot



14:00 - 14:10

COSTS OF MANAGING MALNUTRITION IN INFANTS UNDER 6-MONTHS (MAMI) IN ETHIOPIA: A COST-CONSEQUENCE ANALYSIS OF RANDOMISED CONTROL TRIAL DATA

C. JEENA

14:10 - 14:20

EFFECTS OF A TAILORED PROGRAMME TO SUPPORT FOOD COMPANIES TO REFORM NUTRITION POLICIES AND PRACTICES (REFORM): A MULTICENTRE, CLUSTER-RANDOMISED CONTROLLED TRIAL

C. NI MHURCHU

14:20 - 14:30

NUTRITIONAL EFFICACY OF READY-TO-USE THERAPEUTIC MEAL MADE FROM LOCAL INGREDIENTS FOR COMMUNITY MANAGEMENT OF ACUTE MALNUTRITION IN UNDER FIVE CHILDREN

V. IBEANU

14:30 - 14:40

DIETARY DETERMINANT OF ANEMIA IN PRE-MENOPAUSAL WOMEN IN INDONESIA: A CROSS-SECTIONAL STUDY

A. FAYASARI

14:40 - 14:50

IMPACT OF LOCALLY MADE READY-TO USE THERAPEUTIC FOOD ON THE WEIGHT AND MID UPPER ARM CIRCUMFERENCE OF THE ACUTE MALNOURISHED CHILDREN ADMITTED IN THE PAEDIATRIC WARD OF A FEDERAL UNIVERSITY TEACHING HOSPITAL, IN ABAKALIKI, EBONYI STATE

14:50 - 15:00

LONGITUDINAL GROWTH MODELS FOR INFANTS FROM THE MUMTA PREGNANT WOMEN TRIAL

A. PASHA

15:00 - 15:10

HOUSEHOLD USE OF IODINE-CONTAINING BOUILLON CUBES IMPROVES IODINE STATUS AMONG WOMEN AND CHILDREN IN NORTHERN GHANA: A SECONDARY OUTCOME ANALYSIS OF THE COMIT TRIAL

S. ADU-AFARWUAH

15:10 - 15:20

DEFINING AND OPERATIONALISING FOOD KNOWLEDGE, NUTRITION KNOWLEDGE, NUTRITION LITERACY, AND FOOD LITERACY: A SCOPING REVIEW

C. MICHEEL

15:20 - 15:30

DEVELOPMENT OF A REGION-SPECIFIC FOOD FREQUENCY QUESTIONNAIRE FOR MADRE DE DIOS, PERU

B. FEINGOLD

Wednesday August 27th

14:00 - 15:30

OAP 32 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP32

ORAL ABSTRACT PRESENTATION

Room 241



14:00 - 14:10

ANEMIA, IRON INTAKE, AND FERRITIN AMONG ADOLESCENTS WITH OBESITY

D.C. SULISTYONINGRUM

14:10 - 14:20

ULTRA-PROCESSED FOOD CONSUMPTION AND BMI, WEIGHT GAIN AND OVERWEIGHT IN YOUNG CHILDREN IN THE NETHERLANDS: THE GECKO DRENTHE BIRTH COHORT

J. YANG

14:20 - 14:30

ASSOCIATION BETWEEN IYCF PRACTICES AND INDICATORS OF GROWTH AND MICRONUTRIENT STATUS IN CHILDREN AGED 06-23 MONTHS: FINDINGS FROM COMPREHENSIVE NATIONAL NUTRITION SURVEY 2016-2018

R. MADHARI

14:30 - 14:40

DETERMINATION OF LIVER MARKERS OF CHICKEN EXPOSURE TO POLYCHLOROBIPHENYLS (PCBS) BY 1D AND 2D NMR-METABOLOMICS

C. REMY

14:40 - 14:50

EFFECTS OF EXOGENOUS NUCLEOTIDES SUPPLEMENTATION ON SYMPTOMS, RECOVERY, AND IMMUNE RESPONSE IN ELDERLY COVID-19 PATIENTS

S. WANG

14:50 - 15:00

POSTPARTUM WEIGHT RETENTION AND ASSOCIATED FACTORS IN WOMEN MONITORED DURING PREGNANCY IN HOSPITAL

C. MIZEHOUN ADISSODA

15:00 - 15:10

DIET QUALITY AND HEALTH AMONG FIRST NATIONS IN CANADA: INSIGHTS FROM THE HEALTHY EATING FOOD INDEX (HEFI-2019) AND CANADIAN HEALTHY EATING INDEX (C-HEI 2007)

I. SEBAI

15:10 - 15:20

EXAMINING THE RELATIONSHIP BETWEEN WOMEN'S MINIMUM DIETARY DIVERSITY AND EMPOWERMENT IN TOTAL AND IN RURAL AND URBAN POPULATIONS IN FIVE COUNTRIES

A. MCCLEARY

15:20 - 15:30

EFFICACY OF ZINC BIOFORTIFIED RICE IN IMPROVING ZINC STATUS AMONG YOUNG NON-PREGNANT NON-LACTATING WOMEN IN RURAL BANGLADESH: A RANDOMIZED CONTROLLED TRIAL

P. MONDAL

Wednesday August 27th

14:00 - 15:30

OAP 33 - GLOBAL HEALTH AND PLANETARY NUTRITION

OAP33

ORAL ABSTRACT PRESENTATION

Room 242A



14:00 - 14:10

A NEWLY DEVELOPED NATURAL HOG CASING REDUCES THE SALT CONTENT AND THE OXIDATION OF CURED FERMENTED MEAT PRODUCTS

E. LOPEZ-HUERTAS

14:10 - 14:20

COMMUNITY RESTITUTION OF THE TISA RANDOMIZED-CONTROL TRIAL ON WASH INTEGRATED TREATMENT OF SEVERE ACUTE MALNUTRITION IN SENEGAL

M. LÊ-LACANETTE

14:20 - 14:30

COMPREHENSIVELY MEASURING FOOD ENVIRONMENTS TO INFORM INTERVENTION DEVELOPMENT: PILOTING THE FOOD ENVIRONMENT TOOLBOX IN INDIA AND CAMBODIA

S. DOWNS

14:30 - 14:40

EXPLORING LIVER VITAMIN A STATUS AND HISTOPATHOLOGICAL ASSOCIATIONS IN A GUATEMALAN COHORT: INSIGHTS INTO PROLONGED CONSUMPTION OF VITAMIN A FORTIFIED SUGAR

G. LIETZ

14:40 - 14:50

THE IMPACTS OF VITAMIN A DEGRADATION ON THE EFFECTIVENESS AND COST-EFFECTIVENESS OF FOOD FORTIFICATION PROGRAMS: MODELED EVIDENCE FROM NIGERIA

S. VOSTI

14:50 - 15:00

DOES THE AVAILABLE OBSERVATIONAL EVIDENCE SUPPORT A RELATIONSHIP BETWEEN ADHERENCE TO SUSTAINABLE DIETARY PATTERNS AND MENTAL HEALTH IN ADULTS? A SYSTEMATIC REVIEW

R. FERNÁNDEZ-RODRÍGUEZ

15:00 - 15:10

RELATIVE VALIDITY OF INTERVIEWER-ADMINISTERED 24-HOUR RECALLS COLLECTED BY PHONE AND IN-PERSON VERSUS WEIGHED FOOD RECORDS IN RURAL SRI LANKA

C.A.. JOYCE

15:10 - 15:20

INTEGRATION OF A WASH COMPONENT IN THE STANDARD NATIONAL PROTOCOL FOR TREATMENT OF SEVERE ACUTE MALNUTRITION IN CHILDREN AGED 6-59 MONTHS IN NORTHERN SENEGAL – A COSTING STUDY

M. LÊ-LACANETTE

15:20 - 15:30

DICHOTOMOUS HEALTHY DIET INDICATORS TO REFLECT WHO DIETARY GUIDANCE

A. HERFORTH

Wednesday August 27th

14:00 - 15:30

OAP 34 - THE FUTURE OF NUTRITION RECOMMENDATIONS

OAP34

ORAL ABSTRACT PRESENTATION

Room 242B



14:00 - 14:10

ARTIFICIAL INTELLIGENCE AND LARGE LANGUAGE MODELS TO MAKE NUTRITION INFORMATION MORE ACCESSIBLE

S. HUEY

14:10 - 14:20

THE CONSUMPTION OF POULTRY AND RABBIT PRODUCTS ENRICHED WITH ALGAL DHA IS AN INTERESTING STRATEGY FOR REDUCING THE DEFICIT OF THIS FATTY ACID IN THE FRENCH POPULATION

C. PALACIOS

14:20 - 14:30

ASSOCIATIONS BETWEEN THE CONSUMPTION OF ARTIFICIAL SWEETENERS, EXCESS WEIGHT GAIN AND GUT MICROBIOTA DIVERSITY IN THE NUTRINET-SANTÉ PROSPECTIVE COHORT STUDY

L. BEEKER

14:30 - 14:40

DEVELOPMENT OF A SHORT FOOD FREQUENCY QUESTIONNAIRE TO ESTIMATE THE CONSUMPTION OF PLANT-BASED MEAT AND ANIMAL FOODS ANALOGS, PRELIMINARY RESULTS FROM A FRENCH COHORT

S. DEMANGE

14:40 - 14:50

PLANETARY HEALTH DIET COMPARED TO DUTCH DIETARY GUIDELINES: NUTRITIONAL CONTENT AND FOOD GROUPS CONTRIBUTIONS

J. URIZA-PINZÓN

14:50 - 15:00

**MAPPING SPATIAL PATTERNS OF THE PHYSICAL FOOD ENVIRONMENT OF KUALA LUMPUR
MALAYSIA: A GIS AND PARTICIPATORY APPROACH**

S. HASTIE

15:00 - 15:10

**RECOMMENDATIONS TO ADDRESS THE SHORTFALLS OF THE EAT-LANCET PLANETARY
HEALTH DIET FROM A PLANT-FORWARD PERSPECTIVE**

A.L. KLAPP

15:10 - 15:20

**IMPACT OF ULTRA-PROCESSED AND MINIMALLY PROCESSED DIETS FOLLOWING UK
DIETARY GUIDANCE ON PHYSICAL FITNESS: A RANDOMISED, CROSS-OVER, CONTROLLED
FEEDING CLINICAL TRIAL**

S. DICKEN

15:20 - 15:30

**NOVEL APPLICATION OF SYSTEM SCIENCE TOOLS IN STRATEGIC PLANNING FOR THE
FUTURE OF NUTRITION**

I. ENELI

Wednesday August 27th

14:00 - 15:30

OAP 35 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP35

ORAL ABSTRACT PRESENTATION

Room 243



14:00 - 14:10

CONSUMPTION OF ULTRA-PROCESSED FOODS, QUALITY OF LIFE AND MENTAL HEALTH OF BRAZILIAN FEDERAL EDUCATION NETWORK EMPLOYEES

P. SILVA

14:10 - 14:20

ROAD MAP FOR INTEGRATING SPECIALIZED LACTATION COUNSELING SERVICES INTO THE JORDANIAN HEALTH SYSTEM

M. ABDOH,

14:20 - 14:30

SYSTEMATIC REVIEW ASSESSING THE IMPACT OF PRENATAL MULTIPLE MICRONUTRIENT SUPPLEMENTATION VS IRON AND FOLIC ACID SUPPLEMENTATION ON INFANTS' SIZE AT BIRTH AND SUBSEQUENT GROWTH THROUGH 2 YEARS OF AGE

F. GOMES

14:30 - 14:40

HEME IRON FROM RED MEAT IS ASSOCIATED WITH FUNCTIONAL INTESTINAL DISORDERS IN THE FRENCH NUTRINET-SANTÉ COHORT

A. LE BRUN

14:40 - 14:50

EFFECT OF FORTIFIED BALANCED ENERGY-PROTEIN SUPPLEMENTATION DURING PREGNANCY AND LACTATION ON INFANT NEURODEVELOPMENT: A COMMUNITY-BASED RANDOMIZED CONTROLLED TRIAL IN RURAL NEPAL

T. LAMA

14:50 - 15:00

ULTRAPROCESSED FOODS CONSUMPTION OF POSTMENOPAUSAL BRAZILIAN WOMEN: A LONGITUDINAL STUDY

P. SILVA

15:00 - 15:10

INCREASING UPTAKE OF NUTRITION PRACTICES ACROSS THE LIFE CYCLE: FOSTERING A SOCIAL MOVEMENT FOR TRANSFORMATIVE, COMMUNITY-LED CHANGE

M. ABDOH,

15:10 - 15:20

EFFECT OF QUINTUPLY-FORTIFIED SALT ON MICRONUTRIENT STATUS OF NON-PREGNANT WOMEN OF REPRODUCTIVE AGE IN PUNJAB, INDIA

Y.E. GOH

15:20 - 15:30

CALIBRATING THE COSTS AND BENEFITS OF REPLACING IRON-FOLIC ACID WITH MULTIPLE MICRONUTRIENT SUPPLEMENTS IN 25 LOW- AND MIDDLE-INCOME COUNTRIES

F. GOMES

Wednesday August 27th

14:00 - 15:30

OAP 36 - PRECISION AND CLINICAL NUTRITION

OAP36

ORAL ABSTRACT PRESENTATION

Room 251



14:00 - 14:10

ASSOCIATION OF DIETARY INTAKE WITH BODY CELL MASS, CLINICAL OUTCOMES AND QUALITY OF LIFE IN CHILDREN WITH ACUTE LYMPHOBLASTIC LEUKAEMIA

D. PUTTASWAMY

14:10 - 14:20

A RANDOMIZED, PLACEBO CONTROLLED, CROSSOVER CLINICAL TRIAL TO EVALUATE THE EFFECT OF A TURMERIC FORMULATION ON MUSCLE SORENESS AND FUNCTION RECOVERY IN MODERATELY ACTIVE ADULTS

K.A.. SCHÖNENBERGER

14:20 - 14:30

MODULATORY EFFECTS OF FOOD ON THE GUT MICROBIOTA AND GUT RESISTOME

Z. LIANG

14:30 - 14:40

EFFECT OF MEAL-TIMING ON THE ASSOCIATION OF UNSATURATED FATTY ACIDS WITH ALL-CAUSE AND CARDIOVASCULAR MORTALITY

J. GAO

14:40 - 14:50

ON ASSESSMENT OF RELIABILITY AND VALIDITY OF CHILD ANTHROPOMETRIC MEASUREMENTS IN INDIA

R. CHAKRABORTY

14:50 - 15:00

**APPETITE TEST PLUS: ADAPTING THE STANDARD APPETITE TEST FOR ENHANCED
CLINICAL APPLICATION IN CHILDREN WITH SEVERE ACUTE MALNUTRITION**

A. TONI

15:00 - 15:10

**WILD BLUEBERRIES IN THE CONTEXT OF METABOLIC SYNDROME: PRELIMINARY FINDINGS
FROM THE BLUMET DIETARY INTERVENTION STUDY**

C. DEL BO'

15:10 - 15:20

**GUT BIFIDOBACTERIUM, AKKERMANSIA, FAECALIBACTERIUM, ROSEBURIA, BACTERIAL
DIVERSITY AND FOOD INTAKE IN CHILDREN WITH AUTISM SPECTRUM DISORDER**

P. MENDIVE DUBOURDIEU

Wednesday August 27th

14:00 - 15:30

OAP 37 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP37

ORAL ABSTRACT PRESENTATION

Room 252A



14:00 - 14:10

MULTIPLE NUTRIENT SHORTFALLS ACROSS THE LIFESPAN: THE SILENT HEALTH CRISIS IN DEVELOPED NATIONS

F. FAYET-MOORE

14:10 - 14:20

CONCURRENT OVERNUTRITION AND ANEMIA IN ADOLESCENT GIRLS IN INDONESIA : INDONESIA BASIC HEALTH SURVEY

A.Q. MARJAN

14:20 - 14:30

MATERNAL AWARENESS OF CHILD DEVELOPMENT AND GROWTH OUTCOMES IN THE MALIAN CONTEXT: USE OF THE AGES AND STAGES QUESTIONNAIRE

M. TIAN

14:30 - 14:40

TRIPONDERAL MASS INDEX CAN BE USED AS A NEW TOOL TO PREDICT THE RISK OF HYPERURICEMIA IN OBESE CHILDREN AND ADOLESCENTS: A POPULATION-BASED RETROSPECTIVE STUDY

Y. NIU

14:40 - 14:50

PARTICIPATORY WORKSHOPS TO IDENTIFY CHALLENGES AND SOLUTIONS IN IMPLEMENTING COMPREHENSIVE SCHOOL FOOD AND NUTRITION PROGRAMS IN KENYA

M. SAVY

14:50 - 15:00

UNDERSTANDING WOMEN'S DECISION-MAKING AUTONOMY AND SELF-EFFICACY RELATED TO SEEKING AND ACCESSING VITAL HEALTH AND NUTRITION SERVICES IN CAMBODIA AND SENEGAL

D. MADJDIAN

15:00 - 15:10

NUTRITIONAL STATUS, PHYSICAL ACTIVITY, AND STRESS LEVELS AFFECT THE BODY FAT PERCENTAGE OF INDONESIAN SCHOOL TEACHERS

A.Q. MARJAN

15:10 - 15:20

THE MUSHROOMS ON THE MENU (MOM) STUDY: VITAMIN D MUSHROOMS (UV-EXPOSED) ARE A FEASIBLE AND ACCEPTABLE WAY TO INCREASE VITAMIN D INTAKE IN A RESIDENTIAL AGED CARE FACILITY

F. FAYET-MOORE

15:20 - 15:30

ADOLESCENT NUTRITION ANAEMIA REDUCTION PROGRAMS AND POTENTIAL BENEFITS TO TRANSITIONING TO WHO FORMULATION

M. ROCHE

Wednesday August 27th

14:00 - 15:30

OAP 38 - NON COMMUNICABLE DISEASES

OAP38

ORAL ABSTRACT PRESENTATION

Room 252B



14:00 - 14:10

IS A HIGHER METABOLIC SYNDROME SCORE ASSOCIATED WITH BREAST DENSITY AFTER PUBERTY ONSET?

A. PEREIRA

14:10 - 14:20

ASSOCIATION BETWEEN MUSHROOM CONSUMPTION AND DIGIT SPAN PERFORMANCE AMONG MIDDLE-AGED AND OLDER COMMUNITY-DWELLING JAPANESE: THE NILS-LSA PROJECT

S. ZHANG

14:20 - 14:30

THE EFFECTIVENESS OF MEDIUM-CHAIN TRIGLYCERIDES OIL ON BLOOD LIPID PROFILES AND FASTING BLOOD GLUCOSE IN OVERWEIGHT AND OBESE WOMEN IN NORTH VIETNAM

N.S. TU

14:30 - 14:40

IMPACT OF DIFFERENT DIETARY APPROACHES ON MARKERS OF METABOLIC-DYSFUNCTION ASSOCIATED STEATOTIC LIVER DISEASE (MASLD): A SYSTEMATIC REVIEW AND META-ANALYSIS

E. SCHAEFER

14:40 - 14:50

ASSOCIATION OF SUGAR SWEETENED AND ARTIFICIALLY SWEETENED BEVERAGES AND CANCER RISK: A SYSTEMATIC LITERATURE REVIEW AND META-ANALYSIS OF COHORT STUDIES

A. JAYEDI

14:50 - 15:00

ESTIMATING THE DIETARY AND HEALTH IMPACT OF IMPLEMENTING MANDATORY FRONT-OF-PACKAGE NUTRIENT DISCLOSURES IN THE US: A POLICY SCENARIO MODELING ANALYSIS

N. FLEXNER

15:00 - 15:10

FRAMING AS CORPORATE POLITICAL ACTIVITY STRATEGIES OF PORTUGAL'S FOOD INDUSTRY: IMPLICATIONS FOR PUBLIC HEALTH POLICIES

S. DA COSTA

15:10 - 15:20

ASSOCIATION BETWEEN OXIDATIVE BALANCE SCORE AND COGNITIVE FRAILTY DEVELOPMENT THROUGH DIFFERENT TRANSITION PATHWAYS AMONG COMMUNITY-DWELLING OLDER ADULT JAPANESE INDIVIDUALS: THE NILS-LSA PROJECT

S. ZHANG

15:20 - 15:30

EFFICACY OF A REMOTE DIETARY INTERVENTION TO IMPROVE DIETARY HABITS IN WOMEN WITH BREAST CANCER: THE LIFE BREAST TRIAL

E. TOLEDO

Wednesday August 27th

14:00 - 15:30

OAP 39 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP39

ORAL ABSTRACT PRESENTATION

Room 253



14:00 - 14:10

IMPACT OF INDIA'S NATIONWIDE SUPPLEMENTARY NUTRITION PROGRAM FOR PREGNANT WOMEN ON BIRTHWEIGHT OF THEIR NEWBORNS: A QUASI-EXPERIMENTAL EVALUATION

R.K. RAI

14:10 - 14:20

IMPROVING ACCESS TO QUALITY NUTRITION SERVICES AND INFRASTRUCTURE IN ECCD CENTRES: BRIDGING GAPS TO ENHANCE CHILD HEALTH AND LEARNING OUTCOMES

J. AIGI MURUVE

14:20 - 14:30

EVALUATING AN ADAPTED HOME FOOD INVENTORY (HFI) DEVELOPED TO MEET THE CULTURAL NEEDS OF ENGLISH- AND SPANISH-SPEAKING POPULATIONS AND THOSE WITH LOW LITERACY

J. FULKERSON

14:30 - 14:40

EXPLORING FACILITATORS AND BARRIERS TO SCHOOL FOOD PROGRAMS: PERCEPTIONS ON PROGRAM IMPLEMENTATION AND SUSTAINABILITY

N. TRASK

14:40 - 14:50

ASSOCIATIONS OF TEA AND COFFEE CONSUMPTION WITH DYSMENORRHEA AMONG REPRODUCTIVE-AGE WOMEN IN BEIJING, CHINA

J. ZHAO

14:50 - 15:00

**ASSOCIATION BETWEEN HIGH-RISK FERTILITY BEHAVIOUR AND ANAEMIA AMONG
INDONESIAN WOMEN: FINDINGS FROM A LONGITUDINAL STUDY**

E. MEIYETRIANI

15:00 - 15:10

**THE SIGNIFICANT ROLE OF HEALTH CARE PROVIDERS IN PROMOTING PREGNANT WOMEN'S
ADHERENCE IN TAKING MULTIPLE MICRONUTRIENT SUPPLEMENTS: INSIGHT FROM
INDONESIA**

T. RIANITY

15:10 - 15:20

MAPPING UNDISCLOSED FOOD ADDITIVES IN ULTRA-PROCESSED FOODS IN BRAZIL

C. BORGES,

15:20 - 15:30

**FAT MASS IN 6-59 MONTHS OLD CHILDREN SUFFERING FROM SEVERE ACUTE
MALNUTRITION IS VERY LOW: WITH DESCRIPTION OF OTHER BODY COMPOSITION**

M.I. HOSSAIN

Wednesday August 27th

14:00 - 15:30

OAP 41 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP41

ORAL ABSTRACT PRESENTATION

Room 342A



14:00 - 14:10

HAS UNDERWEIGHT INCREASED AMONG CHILDREN AND ADOLESCENTS DURING 2012-2019 AND DOES THE PREVALENCE DEPEND ON SOCIOECONOMIC CIRCUMSTANCES? A NATIONWIDE REGISTER-BASED STUDY FROM DENMARK

C.T.. DAMSGAARD

14:10 - 14:20

DO DANISH 6-9-YEAR-OLD CHILDREN ADHERE TO DIETARY GUIDELINES AND ARE THERE SOCIODEMOGRAPHIC DIFFERENCES? THE GENERATION HEALTHY KIDS STUDY

F. HOLMEGAARD

14:20 - 14:30

COMPARISON OF THE COSTS OF DIFFERENT STRATEGIES FOR THE DISTRIBUTION OF VITAMIN A; INSIGHTS FROM FOUR AFRICAN COUNTRIES DURING (JULY 2023 – JUNE 2024)

M.L. FOFANA

14:30 - 14:40

OVEREATING AND ITS ASSOCIATIONS WITH CHANGE IN BMIZ DURING ADOLESCENCE

C. SARKKOLA

14:40 - 14:50

FOLATE AND VITAMIN B12 STATUS, AND ANEMIA AMONG SENEGALESE ADOLESCENTS (10-19 YEARS): A NATIONAL CROSS-SECTIONAL SURVEY

A. BADIANE

14:50 - 15:00

**VITAMIN D PROBIOTICS FORTIFICATION REDUCE LOW-BIRTH-WEIGHT PREGNANCY
OUTCOME AMONG PREGNANT WOMEN**

V. AYAMAH

15:00 - 15:10

**ASSOCIATION OF ORAL HEALTH AND NUTRITIONAL STATUS AMONG FILIPINO OLDER
ADULTS**

M.T. TALAVERA

15:10 - 15:20

**MEAL PLANNING TOOL: A POTENTIAL TOOL TO REDUCE MENTAL BURDEN AND PROMOTE
HEALTHIER DIETS IN THE GENERAL POPULATION?**

P. DUCROT

15:20 - 15:30

**POSITIVE DEVIANCE HEARTH PROGRAM EVALUATION TO ASSESS IMPROVEMENTS IN
UNDERWEIGHT AND MODERATE ACUTE MALNUTRITION IN CHILDREN 6-59 MONTHS OF AGE
IN ZAMBIA**

M. ILUKENA

Wednesday August 27th

14:00 - 15:30

OAP 42 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP42

ORAL ABSTRACT PRESENTATION

Room 342B



14:00 - 14:10

DIETARY EXPOSURE OF POPULATIONS TO MYCOTOXINS AND HEAVY METAL THROUGH CHICKEN AND EGGS CONSUMPTION IN THE CENTRE, LITTORAL, AND WEST REGIONS OF CAMEROON

F.D.P. TATFO KEUTCHATANG

14:10 - 14:20

UPPER ARM LENGTH ALONG WITH MID- UPPER ARM CIRCUMFERENCE FOR WASTING DIAGNOSIS AND PREVALENCE ESTIMATION: SENSITIVITY AND SPECIFICITY IN 6-59-MONTHS-OLDCHILDREN

M. BARRO

14:20 - 14:30

BREASTFEEDING PRACTICE OF HIV POSITIVE MOTHERS ATTENDING AIDS PREVENTIVE INITIATIVE OF NIGERIA (APIN) CLINIC AT A FEDERAL MEDICAL CENTRE IN NIGERIA

A. OKAFOR

14:30 - 14:40

FOOD INSECURITY, PSYCHOSOCIAL HEALTH AND ACADEMIC AND/OR RESEARCH PROGRESSION AMONG THE SPANISH SUB-COHORT OF THE FINESCOPE STUDY

N. MARTINEZ-PEREZ

14:40 - 14:50

DIETARY EVOLUTION PROFILES AND THEIR VARIATION IN NUTRIENT INTAKE ADEQUACY

E. PERRAUD

14:50 - 15:00

**SODIUM, SATURATED FAT AND FREE SUGAR CONTRIBUTION OF PROCESSED FOODS IN
RELATION TO HOUSEHOLD INCOME LEVEL OF YOUNG ADOLESCENTS IN MANILA,
PHILIPPINES**

A.K. RIVERA

15:00 - 15:10

**DETERMINANTS OF SCHOOLCHILDREN'S FOOD CHOICES IN TUNISIA AND LEBANON: A
COMPARATIVE ANALYSIS USING A GAMIFIED CHOICE EXPERIMENT**

R. TRABOULSI

15:10 - 15:20

**EXAMINING THE RELATIONSHIP BETWEEN DIET COSTS AND DIETARY INTAKES AMONG
CANADIAN ADULTS**

G. LUONGO

15:20 - 15:30

**DIFFERENCES IN HIGH QUALITY PROTEIN INTAKE, FISH AND PROCESSED MEAT BETWEEN
ETHNIC MINORITIES IN THE UK IS NOT FULLY EXPLAINED BY SOCIOECONOMIC
DISADVANTAGE – DATA FROM THE UK BIOBANK**

M. DEMASHKIEH

Wednesday August 27th

14:00 - 15:30

SOAP 31 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

SOAP31

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



14:00 - 14:05

FOODWAYS THROUGH THE FOREST: WILD EDIBLE PLANTS IN MALAYSIA

R. THARMABALAN

14:05 - 14:10

NUTRITION SENSITIVE AGRO-ECOLOGY

A. LOURME-RUIZ

14:10 - 14:15

"SUSTAINABLE DIETS: ARE CONSUMER REPRESENTATIONS AND FOOD CHOICE CRITERIA ALIGNED?"

O. CHENE

14:15 - 14:20

OPPORTUNITIES AND CHALLENGES POSED BY CLIMATE CHANGE IN THE UTILIZATION OF INDIGENOUS AND TRADITIONAL AFRICAN FOODS

A. MAKOKHA

14:20 - 14:25

IMPACT OF THE INCORPORATION OF ANIMAL- AND PLANT-ORIGIN OIL BODIES IN FOLLOW-ON FORMULAS ON LIPID AND PROTEIN DIGESTIBILITY

M. CANCELON

14:25 - 14:30

THE IMPACT OF NEGATIVE FOOTPRINT ILLUSION AND FOOD FORM PERCEPTION ON SUSTAINABLE EATING BEHAVIORS

14:30 - 14:35

THE EFFECT OF FORTIFICATION ON IN VITRO IRON AND ZINC BIOAVAILABILITY IN PLANT-BASED MEAT ALTERNATIVES

P. SHARP

14:35 - 14:40

IN VITRO HUMAN GASTROINTESTINAL DIGESTIBILITY AND COLONIC FERMENTATION OF WHEY, CASEIN AND EDIBLE YEAST-BASED PROTEINS

B. NABIL

14:40 - 14:45

OPPORTUNITIES AND CHALLENGES OF AGROECOLOGICAL FOOD MARKETS TO ADDRESS URBAN MALNUTRITION: A CASE STUDY IN DAKAR, SENEGAL

A. ALPHA

14:45 - 14:50

COMBINING NUTRITIONAL VALUE WITH ENVIRONMENTAL IMPACT: A NOVEL APPROACH TO NUTRITIONAL LIFE CYCLE ASSESSMENT (NLCA)

S. PETERS

14:50 - 14:55

PROTEIN DIGESTIBILITY, DIAAS AND ENVIRONMENTAL IMPACTS OF SOY-BASED MEAT ALTERNATIVES: THE EFFECT OF DIFFERENT PROCESSING OPERATIONS

D. MORETTI

14:55 - 15:00

PROJECTED AFFORDABILITY OF HEALTHY AND WATER-SAVING DIETS IN THE GAMBIA

Z. ALI

15:00 - 15:05

SOURCES OF PROTEIN, CALCIUM, ZINC, IODINE, AND VITAMIN B12 IN UK ADULTS FOLLOWING CONTEMPORARY VEGETARIAN AND VEGAN DIETS: FINDINGS FROM FEED

K. PAPIER

15:05 - 15:10

THE MULTIFACETED IMPACT OF CLIMATE CHANGE ON MALNUTRITION: INSIGHTS AND EVIDENCE GAPS IN THE ASIA-PACIFIC REGION

C. CRESTA

15:10 - 15:15

HOW CLIMATE CHANGE IS ACCELERATING THE GLOBAL NUTRITION TRANSITION TO ULTRAPROCESSED FOODS AND CHRONIC DISEASE: A CONCEPTUAL FRAMEWORK

L.S. TAILLIE

15:15 - 15:20

NUTRITIONAL AND CLIMATE-SMART FORMULATION OF GLUTEN-FREE COMPOSITE PASTA BASED ON LEGUMES, CEREALS AND LEAFY VEGETABLES GROWN IN AFRICAN COUNTRIES: FROM THEORETICAL DESIGN USING LINEAR PROGRAMMING TO SENSORY VALIDATION

V. MICARD

Wednesday August 27th

14:00 - 15:30

SOAP 32 - NON COMMUNICABLE DISEASES

SOAP32

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



14:00 - 14:05

DIETARY INFLAMMATORY INDEX AND ITS ASSOCIATION WITH METABOLIC SYNDROME AND CAROTID INTIMA-MEDIA THICKNESS IN CHILDREN AND ADOLESCENTS: A SYSTEMATIC REVIEW

P. HADAEGH

14:05 - 14:10

WHOLE GRAIN INTAKE, ALKYLRESORCINOLS AND THEIR ASSOCIATIONS WITH CARDIOVASCULAR RISK FACTORS IN THE HORDALAND HEALTH STUDIES

J. DIERKES

14:10 - 14:15

PREVALENCE OF IRON DEFICIENCY ANAEMIA, OVERWEIGHT AND OBESITY AMONG WOMEN OF REPRODUCTIVE AGE IN MOROCCO

A. FALL

14:15 - 14:20

A LONGITUDINAL ASSESSMENT OF THE RELATIONSHIP BETWEEN LIFESTYLE-RELATED RISK FACTORS AND A COMPOSITE CVD RISK INDEX AMONG ADOLESCENTS IN MALAYSIA: THE MYHEARTS

N. THANGIAH

14:20 - 14:25

A MULTISECTORAL STRATEGY TO REDUCE SODIUM INTAKE IN NIGERIA: GUIDELINE DEVELOPMENT AND KEY INTERVENTIONS

B. MUSA

14:25 - 14:30

INSULIN RESISTANCE AS AN UNDERLYING CAUSE OF TYPE 2 DIABETES IN ADULTS BORN LOW BIRTH WEIGHT: A NARRATIVE REVIEW

S. AHMED

14:30 - 14:35

EVALUATING THE EFFECTIVENESS OF FRONT-OF-PACK LABELS IN PROMOTING HEALTHIER FOOD CHOICES IN KENYA

S. MOHAMED

14:35 - 14:40

RELATION BETWEEN PLASMA RETINOL LEVEL WITH DIFFERENT TYPES OF DYSLIPIDEMIA IN THE MIDDLE-AGED AND THE ELDERLY: A CROSS-SECTIONAL STUDY

R. XIUWEN

14:40 - 14:45

DEVELOPING A COMPREHENSIVE DIETARY INTERVENTION PACKAGE TO REDUCE THE DIETARY INFLAMMATORY INDEX (DII) IN PATIENTS WITH CORONARY ARTERY DISEASE (CAD) IN INDIA

M. SURESH

14:45 - 14:50

DIETARY PATTERN OF USERS OF LARGER CITY PARKS IN COLOMBO COMMERCIAL CITY, SRI LANKA

S. DE SILVA WELIANGE

14:50 - 14:55

EVOLUTION OF BODY WEIGHT IN INDIVIDUALS WITH NON-SEVERE OBESITY AFTER GROUP-BASED NUTRITIONAL INTERVENTION: RANDOMIZED CONTROLLED COMMUNITY TRIAL

N. FERREIRA

14:55 - 15:00

DEVELOPING MACHINE LEARNING MODELS TO PREDICT GASTROINTESTINAL CANCER RISK USING LIFESTYLE, DIETARY FACTORS, AND BIOMARKERS IN A COHORT STUDY

D. BAUBLYTE

15:00 - 15:05

WHOLE GRAIN, HEART DISEASE AND MULTIMORBIDITY: A 15-YEAR POPULATION-BASED STUDY OF 146,329 ADULTS AGED 45 AND OLDER

X. XU

15:05 - 15:10

A FLAVONOID-RICH DIET IS ASSOCIATED WITH A LOWER RISK OF CHRONIC KIDNEY DISEASE: A UK BIOBANK PROSPECTIVE COHORT STUDY

B. WILLIAM,

15:10 - 15:15

A REVIEW OF POTASSIUM ENRICHED LOW SODIUM SALT STANDARDS AND RECOMMENDATIONS IN CLINICAL MANAGEMENT GUIDELINES IN CHINA: IMPLICATIONS FOR SCALING UP ITS USE GLOBALLY

G. ZENG

15:15 - 15:20

THE EFFECTS OF ELDERBERRY SUPPLEMENTATION ON SYSTEMIC AND TISSUE-LEVEL MARKERS OF CARDIOMETABOLIC HEALTH IN OVERWEIGHT AND OBESE OLDER ADULTS: A RANDOMISED CONTROLLED TRIAL

C. LUGTMEIJER

Wednesday August 27th

14:00 - 15:30

SOAP 33 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP33

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



14:00 - 14:05

EVALUATION OF THE FOOD ENVIRONMENT AT THE PARIS 2024 OLYMPIC AND PARALYMPIC GAMES

F. PELLY

14:05 - 14:10

EGCG IMPROVE THE SKIN AGING OF C57BL/6J MICE BY MODULATING SIRT1/FOXO1 PATHWAY

R. FAN

14:10 - 14:15

SOCIAL DETERMINANTS OF DOUBLE BURDEN OF MALNUTRITION AMONG CHILDREN AND ADOLESCENTS IN SOUTH-EASTERN ASIA: A QUANTITATIVE SYSTEMATIC REVIEW

L. HOANG NGUYEN PHUONG

14:15 - 14:20

IMPACT OF KITCHEN GARDEN ON HOUSEHOLD LEVEL NUTRITIONAL SECURITY: AN EXPERIMENTAL STUDY

S. BARUA

14:20 - 14:25

THE IMPLEMENTATION OF PILOT PROGRAM OF MULTIPLE MICRONUTRIENTS SUPPLEMENTATION IN SIDOARJO DISTRICT OF EAST JAVA, INDONESIA

S. SUMARMi

14:25 - 14:30

FACILITATORS AND BARRIERS TO HEALTHY MERCHANDISING INITIATIVES IN THE FOOD RELIEF SECTOR: A SOUTH AUSTRALIAN QUALITATIVE STUDY

T.S.D. CHANDRA

14:30 - 14:35

BREAST MILK SUBSTITUTES MARKETING ON SOCIAL MEDIA: A SYSTEMATIC SCOPING REVIEW

M. LI

14:35 - 14:40

NUDGING FOOD CHOICES IN DUTCH FOOD BANKS: AN INTERVIEW STUDY

A. VUGTS

14:40 - 14:45

EXPOSURE TO FOOD ADDITIVE MIXTURES AND TYPE 2 DIABETES RISK IN THE NUTRINET-SANTÉ COHORT

M. PAYEN DE LA GARANDERIE

14:45 - 14:50

CHILD FEEDING PRACTICES AND NUTRITIONAL OUTCOMES OF TWO GEOGRAPHICALLY DIVERSE INDIGENOUS COMMUNITIES OF INDIA

S. GHOSH-JERATH

14:50 - 14:55

HIGH INTAKE OF ULTRA-PROCESSED FOODS (UPF) DURING PREGNANCY IS ASSOCIATED TO EARLY INITIATION OF UPF AS PART OF COMPLEMENTARY FEEDING

M. REYES

14:55 - 15:00

A GLOBAL ACTION-ORIENTED FRAMEWORK FOR ADOLESCENT NUTRITION

C.A. FLEMING

15:00 - 15:05

CHALLENGES IN MONITORING PRENATAL SUPPLEMENTATION WITHIN THE CONTEXT OF ROUTINE ANTENATAL CARE IN INDONESIA

N. KOSASIH

15:05 - 15:10

**IMPACT OF CULTURAL FOOD TABOOS ON MATERNAL AND CHILD NUTRITION STATUS IN
SELECTED RURAL COMMUNITIES**

V.P. DEMBEDZA

15:10 - 15:15

**LOW OR HIGH DIETARY SWEET TASTE EXPOSURE DO NOT AFFECT SWEET TASTE LIKING OR
BODY WEIGHT**

M. MARS

Wednesday August 27th

14:00 - 15:40

OAP 40 - FOOD SCIENCE, GASTRONOMY AND LIFE QUALITY

OAP40

ORAL ABSTRACT PRESENTATION

Room 341



14:00 - 14:10

IRON SPECIES AND SPATIAL DISTRIBUTION ASSESSMENT IN MICROALGAE FOR IRON DEFICIENCY ANEMIA PREVENTION AND TREATMENT

A. BESIMI

14:10 - 14:20

CHEMICAL & BIOCHEMICAL CHARACTERIZATION OF NATURAL SELENIUM-CONTAINING TEA POLYSACCHARIDES

Z. QI

14:20 - 14:30

THE EFFICACY OF THE OPTIMIZED ELEUTHERINE BULBOSA (MILL.) URB. BULB EXTRACT ON THE INHIBITION OF 3D RETINOBLASTOMA SPHEROIDS (WERI-RB-1) CULTURED IN TYPE I MURINE COLLAGEN

A.A. KAMARUDIN

14:30 - 14:40

A STUDY ON THE ASSOCIATION BETWEEN FOOD ADDICTION AND ULTRA-PROCESSED FOOD INTAKE AMONG CHINESE UNIVERSITY STUDENTS: THE MEDIATING ROLE OF MENTAL HEALTH STATUS

L. WENJUN

14:40 - 14:50

HOW TO LIMIT GLYCEMIC RESPONSE OF CEREAL BASED FOODS

S. VINOY

14:50 - 15:00

EFFICACY OF A COMPREHENSIVE WEIGHT REDUCTION INTERVENTION IN MALE ADOLESCENTS WITH DIFFERENT FTO GENOTYPES

S. DOAEI

15:00 - 15:10

COMPREHENSIVE EXPLORATION OF THE ROLE OF DIETARY CAROTENOIDS INTAKES IN SARCOPENIA AND SARCOPENIA OBESITY

Y. CAI

15:10 - 15:20

EVALUATING NUTRIENT VARIABILITY IN FINGER MILLET VARIETIES DUE TO DIFFERENT PROCESSING TECHNIQUES

N. BR

15:20 - 15:30

DETERMINANTS OF ADHERENCE TO THE MEDITERRANEAN DIET IN EUROPE: THE DELICIOUS PROJECT

G. GROSSO,

15:30 - 15:40

THE ASSOCIATION BETWEEN FLAVONOID INTAKE AND PREVALENCE OF SARCOPENIA

Y. LIN

Wednesday August 27th

15:45 - 16:15

FOOD AS MEDICINE- ITS CONTRIBUTION TO GLOBAL NUTRITION

SL20

SPECIAL LECTURE

Grand Amphitheatre



LISTE DES INTERVENANTS

SPEAKER(S)

C.J. HENRY

Wednesday August 27th

15:45 - 16:15

ROLE OF NUTRITION ON CANCER WORLDWIDE – IARC’S POINT OF VIEW, ROLE AND PERSPECTIVES

SL21

SPECIAL LECTURE

Amphitheatre Bleu



LISTE DES INTERVENANTS

SPEAKER(S)

P. FERRARI

Wednesday August 27th

15:45 - 16:15

MEDITERRANEAN DIET AND CARDIOVASCULAR HEALTH- STATE OF THE ART ON OLIVE OIL AND RED WINE

SL22

SPECIAL LECTURE

Room Maillot



LISTE DES INTERVENANTS

SPEAKER(S)

M.A.. MARTINEZ-GONZALEZ

Wednesday August 27th

15:45 - 16:15

EFFECTS OF CLIMATE CHANGE ON HEALTH AND FOOD SYSTEMS IN SOUTH AMERICA

SL23

SPECIAL LECTURE

Room 241



LISTE DES INTERVENANTS

SPEAKER(S)

C. ZAVALETA CORTIJO

Wednesday August 27th

15:45 - 16:15

NUCLEAR TECHNIQUES FOR STRENGTHENED NUTRITION RESEARCH – NEW DEVELOPMENTS

SL24

SPECIAL LECTURE

Room 242A



LISTE DES INTERVENANTS

SPEAKER(S)

C. LOECHL

Wednesday August 27th

15:45 - 16:15

HOW TO BETTER PREDICT THE INDIVIDUAL RESPONSE TO PERSONALIZED DIETS?

SL25

SPECIAL LECTURE

Room 242B



LISTE DES INTERVENANTS

SPEAKER(S)

B. DE ROOS

Wednesday August 27th

15:45 - 16:15

STRENGTHENING THE ROLE OF DIETARY GUIDELINES FOR FOOD SYSTEMS TRANSFORMATION- THE SCIENCE, METHODOLOGIES, AND FUTURE DIRECTIONS

SL26

SPECIAL LECTURE

Room 251



LISTE DES INTERVENANTS

SPEAKER(S)

A. ISLAS RAMOS

Wednesday August 27th

15:45 - 16:15

NUTRITION AND CARDIAC REMODELING

SL27

SPECIAL LECTURE

Room 252A



LISTE DES INTERVENANTS

SPEAKER(S)

S. PAIVA

Wednesday August 27th

15:45 - 16:15

FORTY YEARS OF PAEDIATRIC AND MATERNAL NUTRITION RESEARCH IN [SOUTH] AFRICA- A PERSONAL JOURNEY

SL28

SPECIAL LECTURE

Room 252B



LISTE DES INTERVENANTS

SPEAKER(S)

M.A. DHANSAY

Wednesday August 27th

16:15 - 16:45

BREAK

Exhibition Hall



Wednesday August 27th

16:45 - 18:15

SOAP 34 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

SOAP34

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



16:45 - 16:50

A COMPARISON OF U.S. FEDERAL INFANT FEEDING POLICY CHANGES TO THE GLOBAL BREASTFEEDING COLLECTIVE'S POLICY RECOMMENDATIONS: IMPLICATIONS FOR PUBLIC HEALTH, CLIMATE, AND FOOD SYSTEM SUSTAINABILITY

P. HARRIGAN

16:50 - 16:55

ALIGNMENT BETWEEN HEALTHINESS AND ENVIRONMENTAL IMPACT OF PACKAGED FOOD PRODUCTS

B. STRAEULI

16:55 - 17:00

THE CRITICAL ROLE OF PUBLIC FOOD SERVICES IN TRANSFORMING LOCAL FOOD SYSTEMS

A. POST

17:00 - 17:05

IS CULTURED CHICKEN MEAT A NUTRITIONAL ANALOG TO CONVENTIONAL MEAT?

D. SIKORA

17:05 - 17:10

CO-CREATION APPROACHES TO INFORM SUSTAINABLE SCHOOL FOOD PROGRAM IMPLEMENTATION, EVALUATION, AND MONITORING PRACTICES

N. WEBER

17:10 - 17:15

**SHIFTING PROTEIN CHOICES ON AMERICA'S PLATES: INSIGHTS FROM NATIONAL SURVEYS
ON REPLACING RED MEAT WITH LEGUMES AND FISH**

A. THORNE-LYMAN

17:15 - 17:20

**IS ADHERENCE TO PLANT-BASED DIET ASSOCIATED WITH HIGHER EXPOSURE TO
MYCOTOXINS?**

T. HALLDORSSON

17:20 - 17:25

**CHARACTERIZING THE INDIGENOUS FOODS OF GARO TRIBAL COMMUNITY OF MEGHALAYA,
INDIA**

S. GHOSH-JERATH

17:25 - 17:30

**HOW DOES HOUSEHOLD FOOD INSECURITY STATUS RELATE TO PERCEPTIONS OF CLIMATE
CHANGE? EVIDENCE FROM SIX COUNTRIES**

J. PARR

17:30 - 17:35

**THE BENEFITS OF TRIPARTITE ASSOCIATIONS (CEREALS/LEGUMES/LEAFY VEGETABLES) IN
ADULT AND CHILD NUTRITION: EXAMPLE OF APPLICATIONS IN TWO STAPLE CEREAL-
BASED FOODS: PASTA AND INFANT FLOURS**

C. BOURLIEU LACANAL

17:35 - 17:40

**ARE ULTRA-PROCESSED FOODS MORE AFFORDABLE? A COST COMPARISON OF ULTRA-
PROCESSED AND NON-ULTRA-PROCESSED FOODS CONSUMED BY U.S. ADULTS**

F.F. ZHANG

17:40 - 17:45

**SUSTAINABLE NUTRITION MODELS: A CURRENT REVIEW ON ECOLOGICAL FOOTPRINT,
FOOD WASTE AND PUBLIC HEALTH IMPACTS**

Y. OZDOGAN

17:45 - 17:50

CLIMATE CHANGE, URBANIZATION, AND OBESITY IN CHINA

S. DU

17:50 - 17:55

INDIGENOUS FOOD KNOWLEDGE, PERCEPTION AND UTILIZATION IN THE EASTERN CAPE,
SOUTH AFRICA

Z.N. NXUSANI

17:55 - 18:00

SHIFTING FROM DAIRY MILK TO PLANT-BASED MILK ALTERNATIVES: IMPACT ON % DAILY
VALUES ON MACRONUTRIENTS

A.R. BASINANG

18:00 - 18:05

SPATIO-TEMPORAL ANALYSIS WITH ARTIFICIAL INTELLIGENCE OF CLIMATE CHANGE
IMPACTS ON THE DOUBLE AND TRIPLE BURDEN OF MALNUTRITION IN THE MEKONG DELTA
OF VIETNAM

R. GONZALES MARTINEZ

Wednesday August 27th

16:45 - 18:15

SOAP 35 - NON COMMUNICABLE DISEASES

SOAP35

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



16:45 - 16:50

ELIMINATING INDUSTRIAL TRANS-FATS: A COST-EFFECTIVE STRATEGY TO SAVE LIVES AND REDUCE HEALTHCARE COSTS GLOBALLY

M. MARKLUND

16:50 - 16:55

ULTRA-PROCESSED FOOD INTAKE AND RISK OF METABOLIC SYNDROME IN KOREAN ADULTS: A POOLED ANALYSIS OF THREE POPULATION-BASED PROSPECTIVE COHORTS

Y. KIM

16:55 - 17:00

AMELIORATIVE EFFECTS OF TERMITOMYCES ROBUSTUS ON COMPLICATIONS AND ALTERED MICRONUTRIENT STATUS IN STREPTOZOTOCIN-INDUCED DIABETIC WISTAR RATS

O. OLAPADE

17:00 - 17:05

EVALUATING THE PERFORMANCE OF A NOVEL ANTHROPOMETRIC INDEX: WEIGHT ADJUSTED FOR WAIST-TO-HEIGHT RATIO (W-WHR) - FOR PREDICTING CARDIOMETABOLIC RISK AMONG ADULTS IN ADDIS ABABA

S. GEBREMEDHIN,

17:05 - 17:10

ULTRA-PROCESSED FOOD CONSUMPTION AND INCIDENCE OF STEATOTIC LIVER DISEASE IN THE NUTRINET-BRASIL COHORT STUDY

F. SILVA

17:10 - 17:15

**COMBINATION OF HYPERTENSION-HYPERALBUMINURIA IN THE PREGNANT WOMEN:
CROSS-SECTIONAL STUDY OF PREVALENCE AND RISK FACTORS IN FOUMBAN, WEST
REGION, CAMEROON**

C.F. NYANGONO BIYEGUE

17:15 - 17:20

**FREQUENT CONSUMPTION OF UNHEALTHY FOODS IS ASSOCIATED WITH INCREASED
BLOOD PRESSURE IN IBADAN, NIGERIA**

I. AFOLAMI

17:20 - 17:25

**ASSOCIATION BETWEEN FREQUENCY OF TOBACCO USE AND ANXIETY AND DEPRESSION
AMONG ADULTS IN A RURAL COMMUNITY IN BANGLADESH**

S.A.. SHAPLA

17:25 - 17:30

**HEALTH-RELATED QUALITY OF LIFE AMONG PEOPLE LIVING WITH HYPERTENSION AND
DIABETES CO-MORBIDITY IN RURAL BANGLADESH**

T. JHILIK

17:30 - 17:35

**EXPLORING GUT MICROBIOTA-ASSOCIATED METABOLIC PATHWAYS IN RESPONSE TO
NUTRITIONALLY IMPROVED BAKERY PRODUCTS IN CHILDHOOD OVERWEIGHT/OBESITY:
THE MEDKIDS STUDY**

I. RUEDA-DE TORRE

17:35 - 17:40

**HIGH PERCEIVED STRESS INCREASE TRIGLYCERIDES AND BODY FAT IN YOUNG MEN BUT
NOT IN WOMEN**

M.A. ANAYA LOYOLA

17:40 - 17:45

**LOWER GLYCEMIC INDEX INTAKE AFTER WEB-BASED NUTRITION EDUCATION AMONG
ADULTS WITH TYPE 2 DIABETES**

H. AVEDZI

17:45 - 17:50

ASSESSMENT OF THE NUTRITIONAL STATUS OF CHILDREN WITH CANCER USING THE DEUTERIUM

A. ELOUARI

17:50 - 17:55

CHANGES IN SELF-REPORTED CARDIOVASCULAR RISK FACTORS IN URUGUAYAN ADULTS: A PRE- AND POST-PANDEMIC COMPARISON

I. PEREYRA

17:55 - 18:00

ASSOCIATION BETWEEN MALNUTRITION AND FRAILTY ON READMISSION AMONG HEART FAILURE PATIENTS

N. ANJUM

18:00 - 18:05

CHANGES IN HEALTH AND NUTRITIONAL STATUS AMONG ADULTS BEFORE AND AFTER THE LOCKDOWN

C. PATALEN

Wednesday August 27th

16:45 - 18:15

SOAP 36 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP36

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



16:45 - 16:50

WHY DO WOMEN CHOOSE TO USE COMMERCIAL MILK FORMULA? A WHO MULTI-COUNTRY MARKET RESEARCH STUDY OF WOMEN'S EXPOSURE TO COMMERCIAL MILK FORMULA MARKETING

C. HORWOOD

16:50 - 16:55

STATE OF RESEARCH ON NUTRITION AND FOOD SYSTEM POLICIES AND ACTION PLANS IN SECONDARY CITIES IN LOW- AND MIDDLE-INCOME COUNTRIES: A NARRATIVE REVIEW

D. SALUNGA

16:55 - 17:00

NUTRI-SCORE IN THE NETHERLANDS: HOW TO ALIGN WITH NATIONAL FOOD-BASED DIETARY GUIDELINES AND TARGETS FOR PRODUCT IMPROVEMENT

S. HUYBERS

17:00 - 17:05

EFFECTS OF CALORIE WARNINGS AND ENVIRONMENT-RELATED LABELS ON CONSUMER PERCEPTIONS AND INTENDED BEHAVIOR IN CHILE

F. MEDIANO,

17:05 - 17:10

WHAT WOMEN NEED TO MEET THEIR BREASTFEEDING EXPECTATIONS: INSIGHTS FROM THEIR VOICES

S. HERNÁNDEZ-CORDERO

17:10 - 17:15

BRIDGING DATA AND POLICY: ENHANCING MATERNAL AND CHILD NUTRITION THROUGH THE NATIONAL SURVEYS AND ROUTINE SURVEILLANCE IN VIETNAM

T.T. DUONG

17:15 - 17:20

IMPACT OF A COMPLEMENTARY FEEDING PROGRAM ON THE QUALITY OF LIFE OF OLDER PEOPLE

C. MÁRQUEZ

17:20 - 17:25

RESOURCES FOR CARE IN CAREGIVER AND CHILD NUTRITION RESEARCH, PROGRAMS, AND POLICY: ANALYZING AND REFLECTING ON 25 YEARS OF EVIDENCE AND APPLICATION

P. HARRIGAN

17:25 - 17:30

NUTRITION EDUCATION IMPROVES THE DIET QUALITY OF ADOLESCENTS IN FOOD-INSECURE HOUSEHOLDS (STUDY IN POST-DISASTER AREAS OF INDONESIA)

N.U. DEWI

17:30 - 17:35

EFFECTS OF PROVIDING FOUR MONTHS OF REPEATED EXPOSURE OF DAILY SNACKS LOWER IN ADDED SUGAR AND SWEETNESS TO CHILDREN AND EDUCATIONAL LESSONS ON NUTRITION AND DENTAL HEALTH TO THEIR MOTHERS: A RANDOMIZED CONTROLLED TRIAL

J.O.. FISHER,

17:35 - 17:40

MICRONUTRIENT DEFICIENCIES AND RISK FACTORS AMONG SCHOOL-AGED CHILDREN: A REPRESENTATIVE CROSS-SECTIONAL STUDY

M. DRAME

17:40 - 17:45

VILLAGE LEVEL TREATMENT OF ACUTE MALNUTRITION IN SOMALILAND USING ICCM PLUS: THE SETIPLUS TRIAL

A. SEAL

17:45 - 17:50

INFLUENCE OF SOCIO-ECONOMIC DETERMINANTS AND FOOD INSECURITY ON FREQUENCY OF AWAY FROM HOME CONSUMPTION AMONG STUDENTS FROM FRENCH OVERSEAS REGIONS AFTER RELOCATION TO MAINLAND FRANCE

M. ANTOINE

17:50 - 17:55

DIETARY DIVERSITY, HOUSEHOLD FOOD INSECURITY AND CHILD- AND CAREGIVER ALCOHOL CONSUMPTION ON SCHOOL-AGED CHILDREN'S NUTRITIONAL STATUS IN UGANDA: A CROSS-SECTIONAL STUDY

I.M.S. ENGBRETSSEN

Wednesday August 27th

18:00 - 21:00

LOUVRE MUSEUM BY NIGHT

TT3

TECHNICAL TOURS

Louvre Museum



DESCRIPTION

Let's discover the essential of the Louvre: the Victory of Samothrace, the slaves of Michel Ange, the coronation of Napoléon, the super star Mona Lisa and many other masterpieces... Price (per person): 145€ (inc. VAT) Tour includes: English Tour Guide, Entrance tickets, Headphones

Wednesday August 27th

18:30 - 20:00

2ND PART ASSEMBLY

AS2

ASSEMBLY

Room Maillot



Thursday August 28th

08:00 - 09:30

SOAP 37 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

SOAP37

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



08:00 - 08:05

ADVANCING CELLULAR AGRICULTURE: A CODE OF PRACTICE FOR CONTROLLED TASTINGS OF CULTIVATED MEAT

H. VERHAGEN

08:05 - 08:10

NUTRITIONAL VULNERABILITY TO CLIMATE CHANGE OF INDIGENOUS PERUVIAN AMAZON WOMEN THROUGH THE STUDY OF FEEDING PRACTICES DURING PREGNANCY

R.M. SILVERA-CCALLO

08:10 - 08:15

TAILORING TRIALS OF IMPROVED PRACTICES (TIPS) TO IMPROVE CHILD FEEDING AND USE OF INDIGENOUS PRESERVED FOODS IN DROUGHT-AFFECTED KENYA: CONSIDERATIONS FOR CLIMATE SHOCKS

J. KAVLE

08:15 - 08:20

BIODIVERSITY RICHNESS IN FOOD COMPOSITION TABLES AS A LEVERAGE TO INCREASE FOOD BIODIVERSITY IN SCHOOL MENUS. A CASE STUDY IN A RURAL ITALIAN MUNICIPALITY

L. MISTURA

08:20 - 08:25

CLIMATE CHANGE, FOOD SECURITY, AND DIETARY DIVERSITY IN THE WEST AFRICAN SAHEL: A MIXED METHODS STUDY IN SENEGAL

V. SIMONI ASSUNCAO

08:25 - 08:30

FAST FOOD AND CLIMATE ISSUES: EXPLORING THE CONNECTION BETWEEN YOUNG CONSUMERS' CHOICES AND ENVIRONMENTAL AWARENESS

M. NOSTE BJØRNBETH

08:30 - 08:35

BRIDGING THE GAP: ASSESSING CHILD HUNGER AND MALNUTRITION IN NATIONAL CLIMATE STRATEGIES UNDER THE PARIS AGREEMENT

A. GALANTE

08:35 - 08:40

ADHERENCE AND ACCEPTABILITY OF THE MYPLANETDIET STUDY RECOMMENDATIONS

L. LINDBERG

08:40 - 08:45

DOES NUTRITION-SENSITIVE AGRICULTURE IMPROVE HOUSEHOLD NUTRITION? A META-REVIEW

K. MEJOS

08:45 - 08:50

MODELING CHANGES IN CONSUMPTION PATTERNS AND NUTRIENT AVAILABILITY FOR WOMEN OF REPRODUCTIVE AGE USING ALTERNATIVE CLIMATE SCENARIOS THROUGH 2050

C. MILLLIKEN

08:50 - 08:55

PLANT-BASED DIETS AMONG YOUNG WOMEN IN SCOTLAND: 'UNLESS IT'S AFFORDABLE, CONVENIENT, HEALTHY, AND FAMILIAR, IT'S A NO'

C. STEWART

08:55 - 09:00

ADDRESSING CLIMATE RISKS TO NUTRITION AND FOOD SECURITY IN TANZANIA AND SOLOMON ISLANDS, THROUGH DEVELOPMENT OF COMMUNITY LED NUTRITION SENSITIVE CLIMATE ADAPTATION PLANS

S. MCIVOR

09:00 - 09:05

CROP WASTE - A SOURCE OF BIOACTIVE COMPOUNDS AND VALUE ADDITION

M. YASIN

09:05 - 09:10

**ADVANCING NUTRITION AND WOMEN'S EMPOWERMENT IN BURUNDI: A MID-TERM REVIEW
OF A MARKET SYSTEMS DEVELOPMENT PROJECT**

O. KARERWA

09:10 - 09:15

**POLICY RESPONSES, IMPLEMENTATION BARRIERS AND OPPORTUNITIES TO ADDRESS
CLIMATE CHANGE VULNERABILITY TO THE UK FOOD SYSTEM: POLICY REVIEW AND
STAKEHOLDER INTERVIEWS**

G. TURNER

09:15 - 09:20

TRACKING DIETARY SHIFTS FOR LOWER CARBON FOOTPRINT IN ITALIAN HOUSEHOLDS

A. REUZÉ

Thursday August 28th

08:00 - 09:30

SOAP 38 - FOOD SCIENCE, GASTRONOMY AND LIFE QUALITY

SOAP38

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



08:00 - 08:05

DEVELOPING THE GREEK BRANDED FOOD COMPOSITION DATABASE (HELTH): UPDATE AND EXPANSION METHODOLOGY

S. XANTHOPOULOU

08:05 - 08:10

IMPROVING PROTEIN DIGESTIBILITY OF SEAWEEDS THROUGH DIFFERENT COOKING METHODS

V. CEBRIAN LLORET

08:10 - 08:15

MODIFIED AMINO ACIDS IN MINIMALLY PROCESSED INFANT FORMULAS: IMPACT ON GUT MICROBIOTA AND METABOLITE PROFILE

M. MEJIA MONROY

08:15 - 08:20

METAGENOMIC-METABOLOMIC APPROACH TO STUDY THE RELATIONSHIP BETWEEN MICROORGANISMS AND METABOLITE FORMATION IN RUSIP, A TRADITIONAL FERMENTED ANCHOVY FISH

D.M. RINI

08:20 - 08:25

POTENTIAL OF BROWN ALGAE-BASED PRODUCTS AS SAFE ANTIOXIDANT AND PREBIOTIC DIETARY THERAPIES ACROSS THE LIFE CYCLE

M.S. MARIOTTI-CELIS

08:25 - 08:30

**FROM THE ISOLATION OF A PROBIOTIC STRAIN (LACTICASEIBACILLUS CASEI CNCM-I5663)
TO THE CONCEPTION OF NEW FUNCTIONAL FINGER FOODS DEDICATED TO
UNDERNOURISHED OLDER PEOPLE**

M. THOMAS

08:30 - 08:35

**DETERMINATION OF THE NUTRITIONAL AND SENSORY PROPERTIES OF SRI LANKAN
TRADITIONAL DIYABATH (FERMENTED COOKED RICE)**

A. UDARI

08:35 - 08:40

**BEHAVIOR OF PROCESS-INDUCED CONTAMINANTS DURING IN VITRO DIGESTION OF PEA-
BASED PRODUCTS**

F. SECCO

08:40 - 08:45

**SELECTING THE TYPE OF GRAINS AND PARTICLE SIZE DISTRIBUTION TO MODULATE
STARCH DIGESTIBILITY AND GLYCEMIC RESPONSE**

A. MEYNIER

08:45 - 08:50

**VALORISATION OF ROUND SARDINELLA (SARDINELLA AURITA) INTO DRIED FERMENTED
SARDINELLA: NUTRITIONAL AND MICROBIOLOGICAL CHARACTERISATION**

N.F. NDIAYE

08:50 - 08:55

**UNRAVELING THE ROLE OF FOODS AND RECIPES AS MODULATOR OF INFLAMMATORY
RESPONSE IN “REAL LIFE” NUTRITION**

M. SERAFINI

08:55 - 09:00

**MICRONUTRIENT % DAILY VALUES IN FOCUS: SHIFTING FROM DAIRY TO PLANT-BASED MILK
ALTERNATIVES**

G. ANAPI,

09:00 - 09:05

**PEAS IN THE SPOTLIGHT: EXPLORING THEIR ALLERGENIC POTENTIAL THROUGH A
SYSTEMATIC REVIEW**

R. NG'ANG'A

09:05 - 09:10

**PREVALENCE OF FOOD INSECURITY AND FACTORS ASSOCIATED TO LOW SHORT-TERM
MEMORY DEVELOPMENT AMONG PRIMARY PUBLIC SCHOOL PUPILS**

E. ASSOGBA

09:10 - 09:15

**PROTEIN CONTENT AND AMINO ACID COMPOSITION OF A HIGH-PROTEIN BEVERAGE MADE
FROM DIFFERENT PROTEIN POWDERS FOR OLDER ADULTS**

V. RAMAS

Thursday August 28th

08:00 - 09:30

SOAP 39 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP39

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



08:00 - 08:05

**WHEY PROTEIN SUPPLEMENTATION USE AMONG UK RECREATIONAL EXERCISERS:
INSIGHTS INTO SUPPLEMENT TYPES, DOSE, EXERCISE HABITS AND DIETARY GOALS**

H. BELL

08:05 - 08:10

**EFFECTIVENESS OF MULTI-MICRONUTRIENT POWDERS AND HEALTH EDUCATION
COMMUNICATION ON BODY COMPOSITION IN VIETNAMESE INFANTS AGED 6 - 11 MONTHS**

N.T. TRAN

08:10 - 08:15

**ADHERENCE TO PLANT-BASED DIETARY PATTERNS TOWARDS IMPROVEMENTS IN
GLYCAEMIC CONTROL IN A UK PREDIABETIC COHORT ON THE NATIONAL DIABETES
PREVENTION PROGRAMME**

S. HALDAR

08:15 - 08:20

**SCHOOL-BASED ADOLESCENT NUTRITION PROGRAM TO DELIVER WEEKLY-IRON FOLIC
ACID SUPPLEMENTS AND NUTRITION EDUCATION FOR ADOLESCENTS IN BANGLADESH**

S. AFROZ

08:20 - 08:25

**BRIDGING KNOWLEDGE, ATTITUDE, AND PRACTICE GAPS IN ADOLESCENT HEALTH AND
NUTRITION TO OPTIMIZE SCHOOL HEALTH AND WELLNESS PROGRAM IMPLEMENTATION**

A. BABRE

08:25 - 08:30

ASSOCIATIONS BETWEEN NIGHT EATING SYNDROME, FOOD ADDICTION AND SLEEP QUALITY: A CROSS-SECTIONAL ANALYSIS

M. BODUR

08:30 - 08:35

RELATIONSHIPS BETWEEN MULTIDIMENSIONAL NURTURING CARE AND CHILD DEVELOPMENT IN THE FIRST 10 YEARS OF LIFE: FINDINGS FROM A PROSPECTIVE COHORT IN VIETNAM

L. TRAN

08:35 - 08:40

THE EFFECTS OF A WHOLE-DIET SWEET TASTE INTERVENTION FOR SIX DAYS ON SUBSEQUENT SWEET TASTE PERCEPTIONS AND SWEET FOOD INTAKE

K. APPLETON

08:40 - 08:45

A CROSS-SECTIONAL ANALYSIS OF THE NUTRITIONAL QUALITY AND PRICES OF INFANT AND TODDLER FOOD AND BEVERAGE PRODUCTS IN THE CANADIAN FOOD SUPPLY

J. LEE

08:45 - 08:50

TRENDS AND FACTORS INFLUENCING VITAMIN A SUPPLEMENTATION UPTAKE AMONG TANZANIAN CHILDREN: ANALYSIS OF 2010-2022 DEMOGRAPHIC HEALTH SURVEY DATA

E. MALINDISA,

08:50 - 08:55

RELATIONSHIP BETWEEN THE SCHOOL FOOD ENVIRONMENT AND THE NUTRITIONAL STATUS OF STUDENTS AT A BASIC SCHOOL

F. NOAMESI

08:55 - 09:00

PREMENSTRUAL SYNDROME, BODY COMPOSITION, AND MICRONUTRIENT STATUS OF FEMALES IN A UNIVERSITY

J. ACQUAH

09:00 - 09:05

EFFECT OF BUFFALO MILK CONSUMPTION ON THE BIOCHEMICAL INDICES RELATED TO LINEAR GROWTH OF ADOLESCENT FILIPINO SCHOOLGIRLS

M. SAMSON

09:05 - 09:10

FOOD LITERACY CURRICULUM, STUDENT COMPETENCY, AND TEACHERS' CONFIDENCE IN SRI LANKAN SECONDARY SCHOOLS: GAPS AND RECOMMENDATIONS

P. RATHNAYAKE

09:10 - 09:15

PREVALENCE OF CHILD UNDER-NUTRITION IN RURAL COASTAL COMMUNITIES

Y. OOI

Thursday August 28th

09:30 - 10:00

BREAK

Exhibition Hall



Thursday August 28th

10:00 - 11:00

IUNS PRIZES

PL7

PLENARY LECTURE

Grand Amphitheatre



Thursday August 28th

10:00 - 12:00

TEA GARDENS - L'ORÉE DU BOIS

TT4

TOURISTIC TOURS

L'Orée du Bois



DESCRIPTION

"L'Orée du bois" - Paris: Located at the entrance of the Bois de Boulogne, near the Champs Elysées, the tea garden cultivates 1000 tea plants and aromatic herbs in a 2000m² park to the production of teas and infusions. The urban garden benefits from non-polluted soil. Urban agriculture is an opportunity for Tea Gardens to connect consumers with plants and bring biodiversity to the city. The site is also a place for activities and training in tea cultivation. Date : August, 28th 2025 Time : 10:00am to 12:00am or 2:00pm to 4:00pm (2 hours tour) Price (per person): 30€ (inc. taxes) Tour includes: English Guide and Entrance tickets

Thursday August 28th

11:15 - 12:45

SOAP 40 - BASIC RESEARCH IN NUTRITION

SOAP40

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



11:15 - 11:20

**FOOD ENVIRONMENT OF PUBLIC ELEMENTARY SCHOOL CANTEENS IN SOUTHERN BENIN:
IMPLICATIONS FOR ADDRESSING MALNUTRITION IN SCHOOLCHILDREN**

I.C. LOKO

11:20 - 11:25

DEVELOPMENT OF A NOVEL GROWTH MONITORING AND PROMOTION INDEX

S. MOYO

11:25 - 11:30

**NUTRISHED STUDY IN GHANA: DIETARY AND NUTRIENT INTAKE AMONG WOMEN OF
REPRODUCTIVE AGE**

F. DAKE

11:30 - 11:35

**INTERVENTION PRIORITISATION OF IMPROVING THE SCHOOL FOOD ENVIRONMENT IN
SOUTH AFRICA: CO-DEVELOPED INTERVENTIONS**

A. NAICKER

11:35 - 11:40

**SYNERGISTIC EFFECTS OF PREBIOTIC FRUCTOOLIGOSACCHARIDES AND VIGABATRIN ON
EPILEPSY THERAPY USING A PTZ-KINDLED MOUSE MODEL**

B. YANG

11:40 - 11:45

INITIAL INFANT FEEDING, SALIVA 1,5 ANHYDROGLUCITROL, AND 6-MONTH WEIGHT GAIN

D. TAREN

11:45 - 11:50

HONEY AUTHENTICITY AND ADULTERATION IN THAILAND: A STABLE ISOTOPE ANALYSIS

K. JUDPRASONG

11:50 - 11:55

NEUROPROTECTIVE EFFECTS AND MECHANISMS OF DIETARY BIOTIN IN MITIGATING DEMENTIA RISK

C. YANG

11:55 - 12:00

FEEDING PRACTICES AND NUTRITIONAL STATUS OF ADOLESCENTS IN ELEMENTARY SCHOOLS WITH CANTEENS IN SOUTHERN BENIN

O.G.A. ALLAGBE

12:00 - 12:05

EFFECTS OF EXOGENOUS NUCLEOTIDES ON INSULIN RESISTANCE IN THE ELDERLY: A SECONDARY ANALYSIS OF A RANDOMIZED CONTROLLED TRIAL

S. WANG

12:05 - 12:10

SPECIFIC PEPTIDES PRESENT IN HUMAN JEJUNUM AFTER MILK CONSUMPTION INDUCE GASTROINTESTINAL HORMONES IN ENTEROENDOCRINE CELLS

B. MIRALLES

12:10 - 12:15

METHIONINE RESTRICTION ALLEVIATES DIABETES-ASSOCIATED COGNITIVE IMPAIRMENT VIA ACTIVATION OF FGF21

L. ZHIGANG

12:15 - 12:20

COMPARISON OF TISSUE-SPECIFIC EFFECTS OF A C8/C10 MEDIUM-CHAIN FATTY ACID SUPPLEMENTED KETOGENIC DIET WITH INTERMITTENT AND SUSTAINED CALORIC RESTRICTION IN MICE

12:20 - 12:25

EFFECT OF DIFFERENT PROCESS ON THE PROTEIN DIGESTION AND ABSORPTION OF YOGURT: IN VIVO STUDY IN BAMA MINIPIGS

M. HAIRAN

12:25 - 12:30

DEVELOPMENT AND ASSESSMENT OF AN INTESTINAL TRI-CELLULAR MODEL TO INVESTIGATE THE PRO/ANTI-INFLAMMATORY POTENTIAL OF DIGESTED FOODS

M. RAMAL-SANCHEZ

12:30 - 12:35

MOLECULAR MECHANISMS OF CURCUMIN IN MODULATION OF BISPHENOL A-INDUCED METABOLIC DYSREGULATION AND ADIPOGENESIS: AN IN-VITRO STUDY

V. PANPATIL

Thursday August 28th

11:15 - 12:45

SOAP 41 - GLOBAL HEALTH AND PLANETARY NUTRITION

SOAP41

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



11:15 - 11:20

**ADHERENCE TO THE PLANETARY HEALTH DIET VS. THE MEDITERRANEAN DIET:
CARDIOMETABOLIC IMPLICATIONS IN SPANISH CHILDREN WITH OBESITY**

M. BUSTOS-AIBAR

11:20 - 11:25

**THE ASSOCIATION OF PLANT-BASED DIET INDEX WITH DIET QUALITY, ANTHROPOMETRIC
MEASUREMENTS, AND BLOOD MARKERS IN ADOLESCENTS**

S.N. KÖKTÜRK

11:25 - 11:30

**“THOUGHT FOR FOOD”: A SYSTEMATIC REVIEW OF HOW PSYCHOLOGICAL FACTORS
AFFECT SUSTAINABLE FOOD CHOICES**

L. GLENISSON

11:30 - 11:35

**ADHERENCE TO THE EAT-LANCET DIET IS ASSOCIATED WITH HIGHER MICRONUTRIENT
INTAKE: FINDINGS FROM A CROSS-SECTIONAL STUDY OF COMMUNITY-DWELLING OLDER
ADULTS IN GASABO DISTRICT, CITY OF KIGALI, RWANDA**

T. HABUMUGISHA

11:35 - 11:40

**THE NOVA SCREENER: AN EASY-TO-OPERATE AND LOW-COST TOOL FOR ASSESSING AND
MONITORING HEALTHY AND SUSTAINABLE DIETS**

L. CACAU

11:40 - 11:45

RISK RANKING OF MYCOTOXINS AND TOXIC METAL ELEMENTS IN PLANT-BASED MEAT AND DAIRY ALTERNATIVES UNDER PROTEIN TRANSITION SCENARIOS

S. SCHRYVERS

11:45 - 11:50

BRIDGING BENCH TO SOCIETY: A MULTIMETHOD FRAMEWORK FOR DELIVERING SUSTAINABLE PROTEIN-ENRICHED MEALS TO MALNOURISHED CHILDREN IN MARGINALIZED COMMUNITIES IN INDIA

K.P. YANG

11:50 - 11:55

TOWARDS UNDERSTANDING THE BIOCHEMICAL DIVERSITY OF NATIVE AND UNDERUTILIZED PACIFIC ISLAND FOODS

V. LAL

11:55 - 12:00

SCOPING REVIEW OF INTERVENTIONS ADDRESSING FRUIT AND VEGETABLE AVAILABILITY, AFFORDABILITY, ACCESS, OR ACCEPTABILITY

I. CLIFFER

12:00 - 12:05

ASSESSING THE RELEVANCE OF THE FOOD INSUFFICIENCY INDICATOR IN FRANCE

N. PAQUET

12:05 - 12:10

'IT STRENGTHENS FAMILY TIES': THE ROLE OF COMMUNAL-PLATE EATING AND COMMUNAL-BOWL HAND-RINSING AS RISK FACTORS FOR INFANT DIARRHOEA AND MALNUTRITION

S. MANASEKI-HOLLAND

12:10 - 12:15

BENCHMARKING THE NUTRITION-RELATED COMMITMENTS OF FOOD COMPANIES IN SENEGAL

M.H. FAYE

12:15 - 12:20

DRIVERS OF OVERWEIGHT AND OBESITY AMONG GHANAIAN WOMEN: A MULTIVARIATE DECOMPOSITION ANALYSIS

J.P.. MENSAH

12:20 - 12:25

INVESTIGATING LINKAGES BETWEEN SOIL HEALTH, FOOD COMPOSITION AND HUMAN HEALTH

R.A. ANNAN

12:25 - 12:30

COMPARISON OF THE ASSOCIATION BETWEEN THE EAT-LANCET SUSTAINABLE DIET OR THE TRADITIONAL MEDITERRANEAN DIET WITH ALL-CAUSE AND CARDIOVASCULAR MORTALITY IN THE MOLI-SANI STUDY COHORT

M. BONACCIO

12:30 - 12:35

INTERVENTION STRATEGIES FOR PROMOTING HEALTHY FOOD CHOICES IN FOOD RETAILERS: A RAPID REVIEW

B. SANTOS DE AZEVEDO

Thursday August 28th

11:15 - 12:45

SOAP 42 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP42

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



11:15 - 11:20

CREATION AND APPLICATION OF FOOD-BASED DIETARY GUIDELINES IN THE SLOVAK REPUBLIC WITH AN EMPHASIS ON SUSTAINABILITY

L. NECHALOVA

11:20 - 11:25

EFFECTS OF A CLUSTER-RANDOMIZED, MULTI-SETTING INTERVENTION TO IMPROVE CHILDREN'S DIET, PHYSICAL ACTIVITY, SLEEP AND SCREEN TIME ON CARDIOMETABOLIC RISK MARKERS IN 6-11-YEAR-OLD CHILDREN: THE GENERATION HEALTHY KIDS STUDY

F. HOLMEGAARD

11:25 - 11:30

IMPACT OF FOOD INSECURITY ON DIET QUALITY AND NUTRITION STATUS: A CROSS-SECTIONAL STUDY

M.V. YILMAZ

11:30 - 11:35

STUNTING AMONG CHILDREN HIV-EXPOSED AND HIV-FREE IN ESWATINI: A RETROSPECTIVE EVALUATION OF ASSOCIATIONS WITH BIRTH WEIGHT, FEEDING AND CAREGIVING PRACTICES

M. BLACK

11:35 - 11:40

VITAMIN B12 SUPPLEMENTATION AND DOSE RESPONSE IN WOMEN OF REPRODUCTIVE AGE AND PREGNANT WOMEN IN TWO DOUBLE-BLIND, RANDOMIZED, CONTROLLED MICRONUTRIENT DOSE RESPONSE (MINDR) TRIALS IN RURAL BANGLADESH

T. SIDDIQUA

11:40 - 11:45

CHOLINE ALLEVIATES COGNITIVE IMPAIRMENT IN SLEEP-DEPRIVED YOUNG MICE VIA REDUCING NEUROINFLAMMATION AND ALTERING PHOSPHOLIPIDOMIC PROFILE

H. SIYU

11:45 - 11:50

DEVELOPMENT OF LOCALLY-PRODUCED READY-TO-USE THERAPEUTIC FOOD (RUTF) IN INDONESIA: LESSONS LEARNED

R. RIMBAWAN

11:50 - 11:55

ASSOCIATION BETWEEN NUTRITIONAL KNOWLEDGE AND DIETARY PRACTICES AMONG MOTHERS WITH CHILDREN AGED 6-59 MONTHS IN MALAVA SUB-COUNTY, KAKAMEGA COUNTY, KENYA

Z. MAINGI

11:55 - 12:00

PREVALENCE OF EXCLUSIVE BREASTFEEDING IN RURAL MOTHERS LIVING WITH AND WITHOUT HIV IN LESOTHO

P. TSHIAMBARA

12:00 - 12:05

THE EAT-LANCET REFERENCE DIET: ASSOCIATION BETWEEN DIET QUALITY AND COGNITIVE FUNCTIONING AND DECLINE IN COMMUNITY-DWELLING OLDER ADULTS

H. WIJNHOFEN

12:05 - 12:10

FOOD INSECURITY AND OVERCROWDING: THE CONCURRENCE BETWEEN TWO SOCIAL DETERMINANTS OF HEALTH IN URBAN CHILEAN HOUSEHOLDS

L. LANDAETA-DÍAZ

12:10 - 12:15

FUNCTIONAL CONSTIPATION IN EARLY CHILDHOOD: OVERWEIGHT, DIETARY HABITS, AND EARLY LIFE FACTORS

12:15 - 12:20

HIGHER PREVALENCE OF INADEQUATE VITAMIN D INTAKE IN TODDLERS NOT CONSUMING A VITAMIN D SUPPLEMENT

A.M. WIEDEMAN

12:20 - 12:25

IMPACT OF PORTION GUIDANCE ON COMMONLY CONSUMED PACKAGED FOOD TO REDUCE DISCRETIONARY CALORIES AND PUBLIC HEALTH SENSITIVE NUTRIENTS: EVIDENCE FROM THE UNITED KINGDOM AND FRANCE

C. DEBRAS

12:25 - 12:30

INNOVATIVE LASER HEIGHT AND LENGTH MEASURING DEVICE FOR CHILDREN TESTED IN VIETNAM

D. BAIK

Thursday August 28th

12:45 - 14:00

LUNCH BREAK

Exhibition Hall



Thursday August 28th

13:00 - 13:45

LUNCHEON SEMINAR 28

LS28

LUNCHEON SEMINAR

Room Maillot



Thursday August 28th

13:00 - 13:45

LUNCHEON SEMINAR 29

LS29

LUNCHEON SEMINAR

Room 241



Thursday August 28th

13:00 - 13:45

LUNCHEON SEMINAR 30

LS30

LUNCHEON SEMINAR

Room 242A



Thursday August 28th

13:00 - 13:45

LUNCHEON SEMINAR - HUEL

LS31

LUNCHEON SEMINAR

Room 242B



Thursday August 28th

13:00 - 13:45

LUNCHEON SEMINAR 32

LS32

LUNCHEON SEMINAR

Room 243



Thursday August 28th

13:00 - 13:45

LUNCHEON SEMINAR 33

LS33

LUNCHEON SEMINAR

Room 251



Thursday August 28th

13:00 - 13:45

LUNCHEON SEMINAR 34

LS34

LUNCHEON SEMINAR

Room 252A



Thursday August 28th

13:00 - 13:45

LUNCHEON SEMINAR 35

LS35

LUNCHEON SEMINAR

Room 252B



Thursday August 28th

13:00 - 13:45

LUNCHEON SEMINAR 36

LS36

LUNCHEON SEMINAR

Room 253



Thursday August 28th

14:00 - 15:30

OAP 43 - NON COMMUNICABLE DISEASES

OAP43

ORAL ABSTRACT PRESENTATION

Grand Amphitheatre



14:00 - 14:10

HEALTHFUL PLANT-BASED DIETARY PATTERNS, PM2.5 EXPOSURE, AND THE RISK OF HEART FAILURE: A POPULATION BASED COHORT STUDY

X. SUO

14:10 - 14:20

DEVELOPING POLICIES TO ADDRESS DIET-RELATED NON-COMMUNICABLE DISEASES MUST MEANINGFULLY ADDRESS CORPORATE POLITICAL ACTIVITY AND CONFLICTS OF INTEREST

S. NANEMA

14:20 - 14:30

NATURALLY OCCURRING AND ADDED GLUTAMATE AND RISK OF CARDIOVASCULAR DISEASES – RESULTS FROM A LARGE PROSPECTIVE COHORT

A. HASENBÖHLER

14:30 - 14:40

DEVELOPMENT OF INDICATORS REFLECTING HEALTHY AND UNHEALTHY PLANT-BASED DIETARY PATTERNS INTEGRATING THE LEVEL OF FOOD PROCESSING AND THEIR LONGITUDINAL ASSOCIATION WITH THE RISK OF CARDIOVASCULAR DISEASES

C. PRIoux

14:40 - 14:50

ULTRA-PROCESSED DIETS AND LONG-TERM CARDIOVASCULAR DISEASE MORTALITY AMONG MYOCARDIAL INFARCTION SURVIVORS: A PROSPECTIVE ANALYSIS OF THE ALPHA OMEGA COHORT

M.G. JACOBO CEJUDO

14:50 - 15:00

FOOD ADDITIVE PRESERVATIVES AND ANTIOXIDANTS AND RISK OF CANCER – RESULTS FROM A LARGE PROSPECTIVE COHORT

A. HASENBÖHLER

15:00 - 15:10

ULTRA-PROCESSED FOOD CONSUMPTION AND RISK OF HYPERTENSION AMONG PARTICIPANTS WITH AND WITHOUT OBESITY: INSIGHTS FROM THE NUTRINET BRASIL COHORT

E. FRADE

15:10 - 15:20

MODELLING THE IMPACT OF SUGAR-SWEETENED BEVERAGE TAXES ON THE PRIMARY PREVENTION OF NON-COMMUNICABLE DISEASES

S.M. TOBIL

15:20 - 15:30

CIRCULATING BRANCHED-CHAIN AMINO ACIDS AND INCIDENCE OF TYPE 2 DIABETES MELLITUS IN MAUCO, A CHILEAN AGRICULTURAL POPULATION-BASED COHORT

L. HUIDOBRO

Thursday August 28th

14:00 - 15:30

OAP 44 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP44

ORAL ABSTRACT PRESENTATION

Room Maillot



14:00 - 14:10

ASSOCIATIONS BETWEEN FAT-SOLUBLE VITAMIN AND MINERAL INTAKE AND DENTAL CARIES AMONG CHILDREN AND ADOLESCENTS IN THE UNITED STATES, NHANES 2011-2018

D. KHAN

14:10 - 14:20

N-6 AND N-3 FATTY ACID INTAKES AND PROPORTIONS IN SERUM AMONG FINNISH CHILDREN ON VEGAN, VEGETARIAN AND OMNIVORE DIETS

R. FREESE

14:20 - 14:30

OPPOSING EFFECTS OF SELENIUM AND COPPER ON SARCOPENIA IN INSTITUTIONALIZED OLDER ADULTS

L. PEDROSA

14:30 - 14:40

COMPARISON OF INTRAVENOUS IRON SUCROSE AND FERROUS CARBOXYMALTOSE IN MANAGEMENT OF ANEMIA IN PREGNANCY: FINDINGS FROM THE PRISMA STUDY

N.S. YAZDANI

14:40 - 14:50

DIETARY COMPOSITION IS RESPONSIBLE FOR LOW NUTRITIONAL QUALITY AND HIGH ENVIRONMENTAL FOOTPRINT OF FOODSERVICE IN GERMAN HEALTHCARE INSTITUTIONS

L.M.. PÖRTNER

14:50 - 15:00

MENTAL HEALTH AND GESTATIONAL WEIGHT GAIN: A COMPARISON BETWEEN BRAZILIAN COHORTS

A. VICTOR

15:00 - 15:10

DEVELOPMENT AND VALIDATION OF A FOOD FREQUENCY QUESTIONNAIRE TO ASSESS DIETARY IRON, FOLATE, AND VITAMIN B12 INTAKE IN WOMEN

Z. GOKTAS

15:10 - 15:20

IMPACT OF A DIETARY GUIDELINES BOOKLET FOR PREGNANT MOTHERS ON THEIR NUTRITIONAL STATUS

N. THAKSHILA ADIKARI

Thursday August 28th

14:00 - 15:30

OAP 45 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP45

ORAL ABSTRACT PRESENTATION

Room 241



14:00 - 14:10

**HARMONISING POLICIES TO ADDRESS THE DOUBLE BURDEN OF MALNUTRITION:
STAKEHOLDER INSIGHTS ON FOOD RETAIL IN SOUTHEAST ASIA**

W.S. TEH

14:10 - 14:20

**THE NATURE AND FREQUENCY OF FOOD AND BEVERAGE MARKETING ON KENYAN
NATIONAL TELEVISION: A MIXED-METHOD ANALYSIS OF FOOD ADVERTISEMENTS, PARENT
AND CHILDREN'S PERSPECTIVES**

M. WANJOHI

14:20 - 14:30

**DEMOCRATISING NUTRITION INFORMATION AND EDUCATION: A NEW NATIONAL DIGITAL
TOOLBOX TO FEED AUSTRALIAN CHILDREN UNDER THE AGE OF 5**

H. TRUBY

14:30 - 14:40

**FORTIFIED BALANCED ENERGY-PROTEIN SUPPLEMENTATION DURING PREGNANCY AND
MATERNAL GESTATIONAL WEIGHT GAIN: A COMMUNITY-BASED RANDOMIZED TRIAL IN
SOUTHERN NEPAL**

E. ZAVALA

14:40 - 14:50

**EFFICACY OF FOODS AND NUTRIENTS TO IMPROVE INDICATORS OF SLEEP QUALITY: A
SYSTEMATIC REVIEW**

M. ALLMAN-FARINELLI

14:50 - 15:00

DRIVERS AND SOLUTIONS TO UNHEALTHY FOOD CONSUMPTION BY ADOLESCENTS IN URBAN SLUMS IN KENYA: A QUALITATIVE PARTICIPATORY STUDY

M. WANJOHI

15:00 - 15:10

MONITORING THE NUTRITION INFORMATION AVAILABILITY AND QUALITY OF CANADIAN RESTAURANT MENU ITEMS BETWEEN 2010 TO 2024

H. JEONG

15:10 - 15:20

ASSOCIATION OF NUTRIENT INTAKE AND GESTATIONAL WEIGHT GAIN WITH GUT MICROBIOTA COMPOSITION IN PREGNANT WOMEN FROM A RURAL SETTING IN A LOWER-MIDDLE-INCOME COUNTRY

S.M.T. HASAN

15:20 - 15:30

CHILDHOOD GROWTH STUNTING IS ASSOCIATED WITH HIGH LEAN TISSUE HYDRATION: ANALYSIS OF MULTI-COUNTRY DATABASE

D. HOFFMAN

Thursday August 28th

14:00 - 15:30

OAP 46 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP46

ORAL ABSTRACT PRESENTATION

Room 242A



14:00 - 14:10

HEALTHY AND SUSTAINABLE FOOD EDUCATION IN PRIMARY SCHOOLS: GLOBAL PERSPECTIVES FROM TEACHERS IN AUSTRALIA, SWEDEN AND THE UK

J. KEMPLER

14:10 - 14:20

IMPACT OF ADDING MILK TO A MICRONUTRIENT FORTIFIED BISCUIT SCHOOL FEEDING PROGRAM: AN EFFECTIVENESS TRIAL IN A PROTRACTED CONFLICT SETTING

L. BLIZNASHKA

14:20 - 14:30

PATTERNS OF PERINATAL EXPOSURE TO POLYUNSATURATED FATTY ACIDS AND CHILD CARDIOMETABOLIC HEALTH IN A FRENCH MOTHER-CHILD COHORT STUDY

A. ABOU ASSI

14:30 - 14:40

ASSOCIATION BETWEEN MATERNAL DIETARY GLYCEMIC INDEX DURING PREGNANCY AND CHILDREN'S NEURODEVELOPMENT: A CHINESE BIRTH COHORT STUDY

G. ZENG

14:40 - 14:50

CONTENT ANALYSIS OF OUT-OF-HOME (OOH) FOOD AND BEVERAGE ADVERTISEMENTS ALONG AN URBAN AVENUE

P.J. VIOLA

14:50 - 15:00

WOMEN'S EMPOWERMENT AND NUTRITIONAL STATUS OF CHILDREN: NEW EVIDENCE FOR BANGLADESH

S.P. JOLLY

15:00 - 15:10

QUALITATIVE ANALYSIS OF DRIVERS INFLUENCING ADOLESCENTS' FRUIT AND VEGETABLE CHOICES IN SRI LANKA

H. SITISEKARA

15:10 - 15:20

JOINT ASSOCIATION OF FOOD INSECURITY AND OVERWEIGHT/OBESITY WITH HYPERTENSION AMONG WOMEN OF REPRODUCTIVE AGE (WRA)

P. AREVALO

15:20 - 15:30

USING AI TO EXTRACT AND ANALYSE INGREDIENT LISTS FROM PACKAGED FOODS AND BEVERAGES ACROSS EUROPE - A CASE STUDY USING FABLE ON THE PRESENCE OF SUGARS AND NON-SUGAR SWEETENING INGREDIENTS IN BREAKFAST CEREALS

J. DIAS

Thursday August 28th

14:00 - 15:30

OAP 47 - NON COMMUNICABLE DISEASES

OAP47

ORAL ABSTRACT PRESENTATION

Room 242B



14:00 - 14:10

PRESCRIBING FRESH PRODUCE TO ADDRESS HEALTH EQUITY IN ADULTS WITH TYPE 2 DIABETES AND FOOD INSECURITY

K. GLOVER

14:10 - 14:20

ASSOCIATION BETWEEN DIETARY PATTERNS AND CVD-RELATED MORTALITY IN THE JAPANESE POPULATION: THE JAPAN MULTI-INSTITUTIONAL COLLABORATIVE COHORT (J-MICC) STUDY

K. KITAOKA

14:20 - 14:30

PRENATAL MATERNAL SUPPLEMENTATION WITH PREBIOTICS REGULATES MICROBIOTA COLONIZATION IN HIGH-RISK CHILDREN, BUT DO NOT PREVENT ATOPIC DERMATITIS AT ONE YEAR OF AGE

M. BODINIER

14:30 - 14:40

DIETARY AMINO ACIDS AND RISK OF STROKE SUBTYPES: RESULTS FROM THREE LARGE PROSPECTIVE COHORT STUDIES

T.Y.N. TONG

14:40 - 14:50

DETERMINANTS OF ADHERENCE TO GLUTEN-FREE DIET IN CHILDREN WITH CELIAC DISEASE AND THE IMPACT OF DIETICIAN COUNSELING IN IMPROVING ADHERENCE

L.K. BHARTI

14:50 - 15:00

**IS HIGH INTAKE OF ULTRA-PROCESSED FOOD RELATED TO ADIPOSITY OR
CARDIOMETABOLIC RISK FACTORS IN CHILDREN? A CROSS-SECTIONAL STUDY**

H. AUGUSTIN

15:00 - 15:10

**CONTAMINANTS FROM FOOD PROCESSING AND PACKAGING AND THEIR ASSOCIATION
WITH CARDIOVASCULAR DISEASE RISK – RESULTS FROM A LARGE FRENCH PROSPECTIVE
COHORT**

X. LE FOLCALVEZ

15:10 - 15:20

**GENDER DISPARITIES IN WELL-BEING AMONG PERSONS WITH NON-COMMUNICABLE
DISEASES: THE ROLE OF SOCIAL CAPITAL AND GRANTS**

A. CHRISTIAN

15:20 - 15:30

**COMPARING THE PREVALENCE OF OBESITY AND ABDOMINAL OBESITY ACROSS TWO
COHORTS IN DIFFERENT STAGES OF NUTRITIONAL AND EPIDEMIOLOGICAL TRANSITION**

I. PEREYRA

Thursday August 28th

14:00 - 15:30

OAP 48 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP48

ORAL ABSTRACT PRESENTATION

Room 243



14:00 - 14:10

SOCIO-DEMOGRAPHIC DETERMINANTS OF DOUBLE BURDEN OF MALNUTRITION IN GUATEMALAN HOUSEHOLDS: EVIDENCE FROM THE EPIDEMIOLOGICAL HEALTH AND NUTRITION SURVEILLANCE SYSTEM (2013-2019)

D. SAGASTUME

14:10 - 14:20

ASSOCIATION BETWEEN JAPANESE DIET SCORE AND THE DEVELOPMENT OF CHRONIC KIDNEY DISEASE: THE OHASAMA STUDY

M. TSUBOTA-UTSUGI

14:20 - 14:30

BARRIERS AND FACILITATORS TO WOMEN'S ACCESS AND UTILIZATION OF NUTRITION SERVICES IN A HUMANITARIAN CONTEXT: A COMMUNITY INQUIRY IN YEMEN

A. IELLAMO

14:30 - 14:40

RELATIONSHIP BETWEEN EXCLUSIVE BREASTFEEDING AND INFANT GROWTH: EARLY FINDINGS FROM A POPULATION-BASED COHORT STUDY IN SOUTHEAST ASIA AND SUB-SAHARAN AFRICA USING THE SMALL VULNERABLE NEWBORN FRAMEWORK

I.A. ADJEI

14:40 - 14:50

EFFECTS OF FERRIC CARBOXYMALTOSE ON PICA AMONG PREGNANT ANEMIC WOMEN IN MALAWI

L. LARSON

14:50 - 15:00

DIETARY INTAKE TRAJECTORIES FROM CHILDHOOD AND SUBSEQUENT HEALTH OUTCOMES: A SYSTEMATIC REVIEW

M.J. ZHENG

15:00 - 15:10

ENHANCING NUTRITION SECURITY THROUGH LARGE-SCALE FOOD FORTIFICATION: ASSESSING THE AGRI-FOOD SYSTEMS APPROACH IN BANGLADESH

M.M. HASAN

15:10 - 15:20

A MIXED-METHODS ASSESSMENT OF THE MOTHER-CHILD INTERACTION DURING THE STIMNUT INTERVENTION (PSYCHOSOCIAL STIMULATION OF SEVERELY MALNOURISHED CHILDREN) IN KOUTIALA, MALI

G. SCARPA

15:20 - 15:30

A GIS-BASED MAPPING OF HEALTHY AND UNHEALTHY FOOD ACCESSIBILITY IN SRI LANKAN SCHOOL FOOD ENVIRONMENT

T. PERERA

Thursday August 28th

14:00 - 15:30

OAP 49 - THE FUTURE OF NUTRITION RECOMMENDATIONS

OAP49

ORAL ABSTRACT PRESENTATION

Room 251



14:00 - 14:10

UNDERSTANDING TRADE-OFFS: COST-EFFICIENCY VS. COVERAGE IN VITAMIN A SUPPLEMENTATION STRATEGIES IN CÔTE D'IVOIRE

M. BAKER

14:10 - 14:20

LEVERAGING BINTI GROUPS (ANTENATAL (ANC) GROUPS) TO EMPOWER PREGNANT ADOLESCENT GIRLS AND YOUTHS TO ADDRESS HEALTH AND NUTRITION NEEDS FOR MATERNAL AND INFANT WELL-BEING

E. NJERI

14:20 - 14:30

FOOD DATABASE REMAINS THE MOST CHALLENGING FOR THE AI-APPLIED NUTRITION CONSULTATION SYSTEM IN DIETARY INTAKE MEASUREMENT AND MEAL PLANNING

N. THI DUC HOANG

14:30 - 14:40

NUTRIENT COMPOSITION OF PLANT-BASED MILK ALTERNATIVES COMPARED TO COW'S MILK

H. SCHÖNFELDT

14:40 - 14:50

MULTIPLE MICRONUTRIENT SUPPLEMENTATION ADHERENCE DURING PREGNANCY IN NEPAL: RESULTS FROM THE NON-INFERIORITY ASSESSMENT OF MATERNAL ADHERENCE TO SUPPLEMENTATION: A TRIAL ON THE EFFECTS OF MMS (NAMASTE-MMS)

S. POUDEL

14:50 - 15:00

RELATIONSHIP BETWEEN IMPLEMENTATION OF PROVISIONS OF THE INTERNATIONAL CODE OF MARKETING OF BREAST-MILK SUBSTITUTES AND MATERNITY PROTECTION AND EXPENDITURE OF COMMERCIAL MILK FORMULA IN EAST ASIA PACIFIC

C. CHING

15:00 - 15:10

TOWARDS HEALTHIER AND MORE ENVIRONMENTALLY SUSTAINABLE DIETS IN ICELAND: A PRELIMINARY APPLICATION OF A FIVE-STEP FRAMEWORK FOR SUSTAINABLE FOOD-BASED DIETARY GUIDELINES

S. GUNNARSDÓTTIR

15:10 - 15:20

NAVIGATING NUTRITIONAL CHALLENGES AND OPPORTUNITIES IN SCHOOL FOOD PROGRAMS: ALIGNING PRACTICES WITH DIETARY RECOMMENDATIONS

M. AHMED

15:20 - 15:30

EXPERT GUIDELINES ON IMPROVING THE QUALITY OF PUBLISHED AQUATIC FOOD NUTRIENT COMPOSITION DATA FOR THEIR INCLUSION IN FCTS, FCDS, AND EVIDENCED BASED NUTRITIONAL PLANS, POLICIES AND PROGRAMMES

H. SCHÖNFELDT

Thursday August 28th

14:00 - 15:30

OAP 50 - GLOBAL HEALTH AND PLANETARY NUTRITION

OAP50

ORAL ABSTRACT PRESENTATION

Room 252A



14:00 - 14:10

PROTEIN-RICH PLANT-BASED DIETS: PERSPECTIVES OF ACTIVE OLDER ADULTS

S. VAN OPPENRAAIJ

14:10 - 14:20

DUTCH STUDENTS OF SECONDARY VOCATIONAL EDUCATION AND PLANT-BASED EATING

M. VANDERHORST

14:20 - 14:30

GLOBAL VARIATION IN TAX POLICIES, SUGAR CONTENT, AND ANNUAL SALES VOLUME OF SUGAR-SWEETENED BEVERAGES

D. ZALTZ

14:30 - 14:40

ASSOCIATION BETWEEN ANEMIA AND SOYBEAN AND BAOBAB USE AMONG RURAL WOMEN IN NORTHERN GHANA: CROSS-SECTIONAL STUDY

B. ABU

14:40 - 14:50

GLOBAL FOOD AVAILABILITY TRENDS: QUANTIFYING CHANGES FROM 1961 TO 2022

S.M. AL HASAN

14:50 - 15:00

NAVIGATING ANTAGONISTIC OUTPUTS IN A LONG-TERM MULTI-INSTITUTION AND MULTILINGUAL NUTRITION RESEARCH PARTNERSHIP

S. LUTHULI

15:00 - 15:10

INFORMALITY IN THE FOOD ENVIRONMENT: A REVIEW OF NUTRITION, LIVELIHOOD, AND SOCIO-POLITICAL CONTEXT AND IMPLICATIONS FOR FOOD POLICY

S. NORDHAGEN

15:10 - 15:20

DISPARITIES IN MICRONUTRIENT DEFICIENCIES, INFLAMMATION, AND THEIR CO-OCCURRENCE IN RELATION TO ADVERSE BIRTH OUTCOMES: THE BRINDA PROJECT

J. GENG

15:20 - 15:30

DIETARY PATTERN ANALYSES: A COMPARISON OF DIFFERENT CLUSTERING METHODS

K. MAASEN

Thursday August 28th

14:00 - 15:30

OAP 52 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP52

ORAL ABSTRACT PRESENTATION

Room 253



14:00 - 14:10

ASSOCIATION OF DIETARY CHOLINE AND BETAINE INTAKE WITH ALL-CAUSE MORTALITY: A LONGITUDINAL STUDY FROM THE CHINA HEALTH AND NUTRITION SURVEY

A. FANG

14:10 - 14:20

ASSESSING THE HEALTHINESS OF ADOLESCENTS' FOOD ENVIRONMENTS USING WEARABLE CAMERAS AND DEEP-LEARNING MODELS

M.E. RAGI

14:20 - 14:30

FORTIFIED PORRIDGES OR NUTRITIONALLY IMPROVED TRADITIONAL RECIPES INCREASED ENERGY INTAKE DURING A MEAL IN INFANTS AGED 6-8 MONTHS IN THE RURAL REGION OF DOGO, NIGER

F. RIO PUYGRENIER

14:30 - 14:40

MEAL TIMING AND RISK OF DEPRESSIVE SYMPTOMATOLOGY IN A FRENCH COHORT

G. LUGON

14:40 - 14:50

CONSUMPTION OF FORTIFIED COMPLEMENTARY FOOD, BUT NOT PROMOTION OF RESPONSIVE FEEDING, IMPROVED HEMOGLOBIN AND MICRONUTRIENT STATUS OF YOUNG CHILDREN IN A CONTROLLED, CLUSTER RANDOMIZED TRIAL IN MADAGASCAR

F.T. WIERINGA,

14:50 - 15:00

THE EFFECT OF YELLOW MEALWORM-ENRICHED MAIZE PORRIDGE ON GROWTH AND MICRONUTRIENT STATUS OF SCHOOL-GOING CHILDREN

T. BOIT,

15:00 - 15:10

EVALUATING FRONT-OF-PACK-NUTRITION-LABEL (FOPNL) FORMATS AMONG CONSUMERS ACROSS ECONOMIC STRATA FOR INFORMING REGULATION IN INDIA – A COUNTRYWIDE CROSS-SECTIONAL QUASI EXPERIMENTAL STUDY

S. M GAVARAVARAPU

15:10 - 15:20

DIGITAL MARKETING TACTICS IN THE COMMERCIAL MILK FORMULA INDUSTRY IN CENTRAL AMERICA AND THE CARIBBEAN

M. MAZARIEGOS,

15:20 - 15:30

A FLAVONOID-RICH DIET IS ASSOCIATED WITH IMPROVED BIOLOGICAL AGEING

J. AMY

Thursday August 28th

14:00 - 15:30

OAP 53 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP53

ORAL ABSTRACT PRESENTATION

Room 341



14:00 - 14:10

UNDERSTANDING DECENTRALISED SCHOOL FOOD PROCUREMENT IN GHANA: USING PHOTOVOICE TO WALK IN SCHOOL CATERERS' SHOES

J. LIGUORI

14:10 - 14:20

CONCEPTUAL DEVELOPMENT OF THE SVEDBERG'S COMPOSITE INDEX OF ANTHROPOMETRIC FAILURE : SILVER JUBILEE OF CIAF, USING NFHS DATA IN INDIA

D. RANI

14:20 - 14:30

EFFECT OF TRADITIONAL VEGETABLE FLOURS ON THE MICRONUTRIENT DENSITY OF MEALS SERVED IN FEMALE GOVERNMENT BOARDING SCHOOLS IN NSUKKA URBAN, ENUGU STATE, NIGERIA

G. DAVIDSON

14:30 - 14:40

MISSION VS MARGINS: A SCOPING REVIEW OF SOCIAL ENTERPRISE BUSINESS MODELS AS A SOLUTION TO SUSTAINING HEALTH-PROMOTING FOOD AND NUTRITION-BASED INTERVENTIONS

L. FATHI

14:40 - 14:50

THE INTAKE, SUPPLEMENTATION AND BLOOD CONCENTRATIONS OF CAROTENOIDS IN THE PREVENTION OF CARDIOVASCULAR DISEASES: INSIGHTS FROM AN UMBRELLA META-ANALYSIS

14:50 - 15:00

USING NUTRITION EDUCATION AND SCHOOL GARDEN TO IMPROVE THE DIETS OF CHILDREN AND ADOLESCENTS IN URBAN AND PERI-URBAN AREAS OF SOUTHERN BENIN

F.S.U. BODJRENOU

15:00 - 15:10

DIETARY INDEX FOR GUT MICROBIOTA, PHYSICAL ACTIVITY IN RELATION TO MORTALITY

J. ZHU

15:10 - 15:20

EFFECT OF SIMPLIFIED APPROACH ON RECOVERY OF CHILDREN 6–59 MONTHS WITH WASTING IN ETHIOPIA: A NON-INFERIORITY, CLUSTER RANDOMIZED CONTROLLED TRIAL

Y.M. TEMESGEN

15:20 - 15:30

PERCEPTION AND ACCEPTANCE OF MICRONUTRIENT-FORTIFIED BOUILLON AMONG NON-INDEX HOUSEHOLD MEMBERS OF WOMEN AND CHILDREN IN A RANDOMIZED TRIAL IN NORTHERN GHANA

R. ENGLE-STONE

Thursday August 28th

14:00 - 15:30

OAP 54 - PRECISION AND CLINICAL NUTRITION

OAP54

ORAL ABSTRACT PRESENTATION

Room 342A



14:00 - 14:10

**CONTINUOUS GLUCOSE MONITORS CAN OVERESTIMATE THE GLYCAEMIC INDEX OF DRINKS
– A RANDOMISED CROSSOVER TRIAL**

J. GONZALEZ

14:10 - 14:20

**IMPACT OF MORE PLANT-BASED DIETS ON GUT MICROBIOTA COMPOSITION AND FUNCTION:
A 1-MONTH RANDOMIZED CROSS-OVER TRIAL IN MEN AT CARDIOMETABOLIC RISK**

G. LÉPINE

14:20 - 14:30

**DEVELOPMENT AND VALIDATION OF A SCREENING TOOL TO EVALUATE DIET, LIFESTYLE
AND MENTAL HEALTH IN CANCER SURVIVORS**

J.R. WORDSWORTH

14:30 - 14:40

**EGG WHITE-DERIVED PEPTIDES REDUCED BLOOD GLUCOSE IN HIGH-FAT-DIET AND LOW-
DOSE STREPTOZOTOCIN-INDUCED TYPE 2 DIABETIC MICE VIA REGULATING THE HEPATIC
GLUCONEOGENIC SIGNALING AND METABOLIC PROFILE**

W. LIAO

14:40 - 14:50

**INVESTIGATING SYMPTOM VARIABILITY AND TREATMENT RESPONSE IN PERNICIOUS
ANAEMIA: A LONGITUDINAL SYMPTOM TRACKING STUDY**

A. THAIN

14:50 - 15:00

DIETARY PATTERNS AND HEALTH: UNVEILING THE ASSOCIATION THROUGH PHENOME- AND GENOME-WIDE ANALYSES

J. ZHOU

15:00 - 15:10

FOOD PREFERENCE, REWARD AND CRAVINGS AFTER ACUTE CONSUMPTION OF BEVERAGES CONTAINING PLANT-BASED OR ALTERNATIVE SWEETENERS. RESULTS OF THE SWEET BEVERAGES TRIAL

S. NAVAS-CARRETERO

15:10 - 15:20

CHANGES IN SERUM 25(OH)D, ZONULIN, BODY MASS INDEX, AND DIETARY INTAKE LEVELS AFTER SUPPLEMENTATION OF PROBIOTICS AND VITAMIN D AMONG OVERWEIGHT AND OBESE HEALTHCARE WORKERS: A RANDOMIZED TRIAL DURING COVID-19 PANDEMIC

R. AGUSTINA

Thursday August 28th

14:00 - 15:30

OAP 55 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP55

ORAL ABSTRACT PRESENTATION

Room 342B



14:00 - 14:10

ASSOCIATION OF DIETARY PATTERNS WITH CENTRAL OBESITY AMONG ADULTS: THE CHINA NUTRITION AND HEALTH SURVEILLANCE 2015–2017

D. YU

14:10 - 14:20

FORTIFIED MAIZE LUNCHES ON TEA ESTATES INCREASE MICRONUTRIENT INTAKE AMONG WORKERS IN MALAWI

K. WOLTERING

14:20 - 14:30

HEALTHFUL AND UNHEALTHFUL PLANT-BASED DIET DURING PREGNANCY AND CHILD NEURODEVELOPMENT UP TO AGE 6

Y. NJONGFANG MBAKOP

14:30 - 14:40

MICRONUTRIENT STATUS OF ELDERLY WITH HIGH RISK CAID SCORE FOR DEMENTIA

G.B. REDDY

14:40 - 14:50

VITAMIN A INTAKE AND STATUS AND ASSOCIATIONS WITH IRON STATUS, ANEMIA, AND BIRTH OUTCOMES OF PREGNANT WOMEN IN THE FREE STATE PROVINCE, SOUTH AFRICA

J. CARBOO

14:50 - 15:00

THE IMPACT OF MASLD ON BONE HEALTH IN ADULTS AGED 50 AND OVER: A MONOCENTRIC RETROSPECTIVE STUDY

D.Z. TUMBI

15:00 - 15:10

MATERNAL CHARACTERISTIC AND BEHAVIOUR OF PREGNANT WOMEN ASSOCIATED TO THE ADHERENCE OF MULTIPLE MICRONUTRIENTS SUPPLEMENT CONSUMPTION: REPORT FROM THE IMPLEMENTATION STUDY IN INDONESIA

S. SUMARMi

15:10 - 15:20

USAID NAWIRI RECURRENT MONITORING SYSTEM IN HOUSEHOLDS IN TURKANA AND SAMBURU (KENYA) USING A MIXED-METHODS EXPLANATORY SEQUENTIAL DESIGN

M. MANGER

15:20 - 15:30

ASSESSING BREAKFAST NUTRITIONAL NEEDS OF SCHOOL LEARNERS: A STEP TOWARDS IMPROVING PUBLIC HEALTH THROUGH AN INNOVATIVE BREAKFAST SOLUTION

N. NGCOBO

Thursday August 28th

14:00 - 15:30

SOAP 43 - THE FUTURE OF NUTRITION RECOMMENDATIONS

SOAP43

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



14:00 - 14:05

**EXPLORING APPROACHES TO DERIVE A POPULATION-SPECIFIC CUTOFF POINT FOR
RETINOL BINDING PROTEIN TO DEFINE VITAMIN A DEFICIENCY AMONG YOUNG CHILDREN**

A. OWAIS

14:05 - 14:10

**EAT UP! A MICROANALYSIS OF PARENTAL REQUESTS TO 'FINISH THE PLATE' DURING
FAMILY MEALTIMES ACROSS THE NETHERLANDS, ITALY, AND THE UNITED KINGDOM**

A. VAN DER HEIJDEN

14:10 - 14:15

MATERNAL AND CHILD MALNUTRITION: TRENDS IN KANO STATE, NIGERIA

J.M. AHMED

14:15 - 14:20

**RED MEAT INTAKE AND DIET-RELATED GREENHOUSE GAS EMISSIONS INCREASED WITH
AGE AMONG CHILDREN IN CANADA**

V. ABE-INGE

14:20 - 14:25

**PERSPECTIVE:"FROM POLICY TO ACTION: STRENGTHENING POLITICAL DRIVE TO COMBAT
UNDERNUTRITION IN GHANA**

L.Y. AGYEMFRA

14:25 - 14:30

**CRITERIA FOR ENVIRONMENTALLY SUSTAINABLE AND HEALTHY FOOD OFFERING IN PUBLIC
RESTAURANTS IN THE NETHERLANDS**

14:30 - 14:35

DESIGNING AND DEVELOPING A POPULATION/LITERATURE-BASED WESTERNIZED DIET INDEX (WDI) AND ITS RELEVANCE FOR CARDIOMETABOLIC HEALTH

Z. HEJAZI

14:35 - 14:40

DECOLONISING NUTRITION RECOMMENDATIONS

F. PEREZ-CUETO

14:40 - 14:45

APPLICATIONS OF LARGE LANGUAGE MODELS IN NUTRITION AND DIETETICS: A SCOPING REVIEW

C. O'HARA

14:45 - 14:50

THE EFFECT OF LOW DOSAGE YEAST BETA-GLUCAN 1,3/1,6 ON RESPIRATORY HEALTH, FATIGUE, MOOD, AND QUALITY OF LIFE AMONG MODERATE-STRESS ADULTS: A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY

N.N. MOHAMAD HABIBULLAH

14:50 - 14:55

NUTRITIONAL SCORING FOR TARGETED INTERVENTION: INSIGHTS FROM THE PTFI DATA CHALLENGE, A CASE STUDY ON MEDITERRANEAN AND JUNK FOOD DIETS

A. ANIM

14:55 - 15:00

CULTURE, TRADITION, AND TERRITORY: CONSIDERATIONS FOR A SUCCESSFUL FUTURE OF THE CHILEAN DIETARY GUIDELINES

P. ACUNA-SALAZAR

15:00 - 15:05

A NOVEL TOOLKIT TO EVALUATE FOOD ENVIRONMENTS SUBJECT TO HEALTHY PUBLIC FOOD PROCUREMENT AND SERVICE POLICIES

M. HENRY

15:05 - 15:10

ABSORPTION OF DE NOVO SYNTHESIZED VITAMINS IN THE HUMAN COLON

S. HEGDE

15:10 - 15:15

**POLICY AND FOOD SYSTEM INSIGHTS FOR DEVELOPMENT OF FOOD SYSTEMS-BASED
DIETARY GUIDELINES FOR SERBIA**

M. JELENA

15:15 - 15:20

**EVALUATING THE DIETARY AND HEALTHCARE IMPLICATIONS OF NON-COMPLIANCE WITH
HEALTH CANADA'S FRONT-OF-PACK NUTRITION LABELLING POLICY**

A. BUTTAR

Thursday August 28th

14:00 - 15:30

SOAP 44 - PRECISION AND CLINICAL NUTRITION

SOAP44

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



14:00 - 14:05

DEVELOPMENT OF A MINIMAL INVASIVE METHODOLOGY FOR DIABETYPING DURING THE TRADITIONAL ORAL GLUCOSE TOLERANCE TEST (OGTT) AND A MODIFIED OGTT TO PERSONALIZE TYPE 2 DIABETES TREATMENT

K. KAMSTRA

14:05 - 14:10

A REAL-WORLD ANALYSIS OF CLINICAL OUTCOMES IN PATIENTS USING SEMAGLUTIDE 2.4 MG FOR 12 MONTHS

M. AKERIB

14:10 - 14:15

EVALUATION OF GASTROINTESTINAL SYMPTOMS, QUALITY OF LIFE, AND HYPOALBUMINEMIA IN HEMODIALYSIS PATIENTS WITH CHRONIC RENAL FAILURE

E. KÖSELER BEYAZ

14:15 - 14:20

CHICORY INULIN REDUCES SYMPTOMS OF FUNCTIONAL CONSTIPATION AND IMPROVES SOCIAL AND EMOTIONAL WELL-BEING OUTCOMES OF QUALITY OF LIFE IN A RANDOMIZED CONTROLLED TRIAL

V. DAM

14:20 - 14:25

PREDICTING CLINICAL RESPONSE TO FOOD-BASED DIETARY INTERVENTIONS IN ULCERATIVE COLITIS USING BASELINE DIETARY AND MICROBIOTA PROFILES

E. YUZHASHIAN

14:25 - 14:30

ASSOCIATION BETWEEN MILK CONSUMPTION AND THE PREVALENCE OF SARCOPENIA FROM NHANES 2011-2018

A. SHEN

14:30 - 14:35

CAGRISEMA TARGETS AND ACTIVATES KEY CNS REGIONS INVOLVED IN APPETITE REGULATION IN RATS

M. AKERIB

14:35 - 14:40

RANDOMIZED TRIAL OF FORTIFIED BOUILLON CUBES IN NORTHERN GHANA: ASSOCIATIONS OF THE PERCEPTION AND ACCEPTANCE OF THE STUDY BOUILLON CUBES AMONG NON-INDEX HOUSEHOLD MEMBERS WITH THE HEMOGLOBIN AND IODINE STATUS OF TRIAL PARTICIPANTS

N.A. OHEMENG

14:40 - 14:45

GASTROINTESTINAL INFLAMMATION IS ASSOCIATED WITH SYSTEMIC INFLAMMATION AND GUT SYMPTOMS IN FEMALE UNIVERSITY TEAM SPORT PLAYERS

A. NIENABER,

14:45 - 14:50

ISOTOPIC MEASUREMENT OF IRON ABSORPTION AND LOSS AND THE EFFECT OF IRON SUPPLEMENTATION WITH AND WITHOUT PREBIOTICS IN SOUTH AFRICAN CHILDREN WITH VIRALLY-SUPRESSED HIV: FINDINGS FROM THREE PROSPECTIVE STUDIES

J. BAUMGARTNER,

14:50 - 14:55

RELATION OF IL-10 SNPS TO OXIDATIVE STRESS AND INFLAMMATION FOLLOWING A LOW VS. HIGH DIETARY FIBER EXPOSURE

G. R MEYERS

14:55 - 15:00

SEMAGLUTIDE REDUCES HOSPITAL ADMISSIONS IN PATIENTS WITH OBESITY OR OVERWEIGHT AND ESTABLISHED CVD

15:00 - 15:05

CALCIUM METABOLISM IN HEALTHY MEN AND WOMEN IN RESPONSE TO DIETARY SALT: A RANDOMIZED CROSSOVER TRIAL

S. CAO

15:05 - 15:10

ANTHROPOMETRICS INDICES, VITAMIN D, AND PARATHYROID HORMONE AFTER BARIATRIC SURGERY IN ADOLESCENTS: A 2-YEAR LONGITUDINAL STUDY

G. ASGHARI

15:10 - 15:15

THE DIAGNOSIS OF B12 DEFICIENCY AND MANAGEMENT OF AUTO-IMMUNE CHRONIC GASTRITIS: THE EXPERT-BASED EXPERIENCE OF A FRENCH REFERRAL CENTER

J.L. GUEANT

Thursday August 28th

14:00 - 15:30

SOAP 45 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP45

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



14:00 - 14:05

SEASONAL AND ANNUAL TRENDS IN WASTING AMONG UNDER-5 CHILDREN IN INDIA: RESULTS FROM MULTIPLE LARGE SCALE NATIONAL SURVEYS

R. CHAKRABORTY

14:05 - 14:10

EXPLORING THE USES AND PERCEPTIONS OF FOOD ENVIRONMENTS ACROSS SOCIOECONOMIC BACKGROUNDS

P. GÁLVEZ ESPINOZA

14:10 - 14:15

MOBILE PHONES REDUCE VOLUNTEER WORKLOAD AND CHILD MALNUTRITION IN PERI-URBAN CAMBODIA'S POSITIVE DEVIANCE HEARTH PROGRAM

D. BAIK

14:15 - 14:20

FOOD DESERTS AND SWAMPS AROUND FEDERAL INSTITUTES OF BAHIA, BRAZIL

F.C.O.D. FRANÇA,

14:20 - 14:25

MATERNAL PRENATAL FACTORS AND THEIR RELEVANCE FOR INDICATORS OF CHILD HEALTH MEASURED AT BIRTH

J. NYASORDZI

14:25 - 14:30

ASSOCIATION BETWEEN ADHERENCE TO LIFESTYLE RECOMMENDATIONS AND HEALTH OUTCOMES IN CHILDREN: IMPACT ON OBESITY, ABDOMINAL OBESITY, ATHEROGENIC INDEX, AND INSULIN RESISTANCE

M.D. SALAS-GONZÁLEZ

14:30 - 14:35

RELATION BETWEEN DIETARY QUALITY AND SERUM LPS IN PREGNANT WOMEN WITH OVERWEIGHT OR OBESITY

K. MOKKALA

14:35 - 14:40

COMMENSALITY - THE PRACTICE OF EATING TOGETHER IN OLDER AGE

I.S. GRINI

14:40 - 14:45

NUTRIENT PROFILE OF FOODS CONSUMED BY ADOLESCENTS IN SENEGAL, ACCORDING TO NOVA CLASSIFICATION

O.M. MAMA

14:45 - 14:50

LIFE-CYCLE APPROACH TO IMPROVE NUTRITION THROUGH COMMUNITY-BASED MOTHER SUPPORT GROUPS IN BANGLADESH

K. JAHAN

14:50 - 14:55

AN OPEN-LABEL RANDOMIZED CONTROLLED TRIAL TO COMPARE THE EFFICACY OF DAILY SUPPLEMENTATION OF SMALL QUANTITY LIPID-BASED NUTRIENT SUPPLEMENTS (SQLNS) VS. IRON AND FOLIC ACID (IFA) SYRUP, FOR ANEMIA PROPHYLAXIS AMONG CHILDREN AGED 6 MONTHS TO 24 MONTHS

A. M

14:55 - 15:00

FOOD INSECURITY AND OBESITY AMONG SYRIAN FEMALE REFUGEES IN TÜRKİYE

F. AYYILDIZ

15:00 - 15:05

ASSOCIATION BETWEEN VICTIMIZATION AND UNHEALTHY EATING PATTERNS AMONG LOW-INCOME WOMEN OF COLOR

S. HWAHNG

15:05 - 15:10

NUTRITION EDUCATION THROUGH MOBILE APP IMPROVED KNOWLEDGE BUT HAD LIMITED IMPACT ON ANEMIA PREVENTION PRACTICES AMONG ADOLESCENT GIRLS FROM LOW-MID SOCIOECONOMIC BACKGROUNDS

R. INDRIASARI

15:10 - 15:15

COMPARISON OF WEIGHING SCALES FOR CHILDREN AGES 0 TO 59 MONTHS IN TWO MUNICIPALITIES IN LAGUNA, PHILIPPINES

D.G. DOMINGO

15:15 - 15:20

THE URGENT NEED FOR COMPREHENSIVE TOOLS TO MEASURE HUNGER AND MALNUTRITION IN CHILDREN

A. GALANTE

Thursday August 28th

14:00 - 15:40

OAP 56 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

OAP56

ORAL ABSTRACT PRESENTATION

Room 343



14:00 - 14:10

REPLACING MEAT AND DAIRY WITH PLANT-BASED OPTIONS IN SPAIN COULD REDUCE ENVIRONMENTAL HUMAN HEALTH DAMAGE BY A THIRD WHILE PROMOTING MORE NUTRITIONALLY ADEQUATE DIETS

U. FRESÁN

14:10 - 14:20

DIET QUALITY PATTERNS AMONG SETTLED FULANI HOUSEHOLDS IN TCHAOUROU, NORTHERN BENIN: A SEASONAL ASSESSMENT

M.W. TOSSOU

14:20 - 14:30

THE INTEGRATION OF GENDER EQUALITY, DISABILITY AND SOCIAL INCLUSION (GEDSI) PRINCIPLES IN FOOD AND CLIMATE POLICY IN INDONESIA

H. ARINI

14:30 - 14:40

FUSARIUM VENENATUM DERIVED B-GLUCANS ENHANCE INTESTINAL BARRIER INTEGRITY BY MODULATING TIGHT JUNCTION PROTEINS, IMMUNE RECEPTOR ACTIVATION, AND TRANS-EPITHELIAL RESISTANCE

M. SALAMA

14:40 - 14:50

EXPLORING NUTRITION AND AGRI-FOOD EDUCATORS' KNOWLEDGE OF FOOD SUSTAINABILITY: INSIGHTS TO ADDRESS CLIMATE CHANGE AND SUSTAINABILITY CHALLENGES

M. MCDONAGH

14:50 - 15:00

DIETARY ENVIRONMENTAL IMPACT AND ITS ASSOCIATION TO THE DEVELOPMENT OF OVERWEIGHT AND OBESITY IN YOUNG CHILDREN: THE GECKO DRENTHE COHORT

J. ZOU

15:00 - 15:10

ONE HEALTH CONCEPTUALISATION OF SUSTAINABLE DIETS IN LOW- AND MIDDLE-INCOME SETTINGS: A SYSTEMATIC REVIEW

E.M. ESIEVO

15:10 - 15:20

ADHERENCE TO THE EAT-LANCET DIET AND THE INCIDENCE OF MAJOR DEPRESSIVE DISORDER: FINDINGS FROM THE SWISS COLAUS|PSYCOLAUS COHORT STUDY

A. CHATELAN,

15:20 - 15:30

ENHANCING SUSTAINABLE FOOD SECURITY THROUGH HOUSEHOLD RESILIENCE AND ADAPTABILITY TO CLIMATE CHANGE

M. ORISHABA

15:30 - 15:40

SHAPING SUSTAINABLE FOOD CHOICES IN YOUTH: INSIGHTS FROM A COM-B MODEL SYSTEMATIC REVIEW

S. VAN ETTEN

Thursday August 28th

14:00 - 15:40

OAP 51 - BASIC RESEARCH IN NUTRITION

OAP51

ORAL ABSTRACT PRESENTATION

Room 252B



14:00 - 14:10

AKKERMANSIA MUCINIPHILA ALLEVIATES DIABETIC COGNITIVE IMPAIRMENT BY INHIBITING BRAIN NLRP3 INFLAMMASOME ACTIVATION AND HIPPOCAMPAL SYNAPTIC DEFECTS

Y. LU

14:10 - 14:20

DIET-INDUCED METABOLOMIC AND METAGENOMIC CHANGES IN THE SMALL INTESTINE: INSIGHTS FROM A PIG MODEL

A. RANSON

14:20 - 14:30

IMBALANCED VITAMIN B6 INTAKE SUPPRESSES MUSCLE HYPERTROPHY

C. BUMRUNGKIT

14:30 - 14:40

CERAMIDE-ENRICHED CHYLOMICRONS DERIVED FROM THE ABSORPTION OF MILK SPHINGOMYELIN INHIBIT PLATELET AGGREGATION

C. CALZADA

14:40 - 14:50

TRANSCRIPTOMIC CHANGES IN RESPONSE TO ZINC DEPLETION AND SUPPLEMENTATION IN SMALL INTESTINE USING NEXT GENERATION SEQUENCING TOOL

A. CHATTERJEE

14:50 - 15:00

AN INDIVIDUAL-SPECIFIC APPROACH TO MULTIDIMENSIONAL NUTRITION POVERTY IN INDIA: EVIDENCE FROM LARGE SAMPLE SURVEYS

J. JOSEPH

15:00 - 15:10

**S-ADENOSYLHOMOCYSTEINE HYDROLASE DEFICIENCY DECREASES STABILITY OF
ATHEROSCLEROTIC PLAQUE AND INDUCES VSMCS PHENOTYPE SWITCHING VIA
EPIGENETIC UPREGULATION OF KLF4 AND OCT4**

Y. XIAO

15:10 - 15:20

**ASSESSMENT OF PHYTOCHEMICAL PROFILE AND THERAPEUTIC POTENTIAL OF BAMBOO
SHOOT FORTIFIED COOKIES AGAINST DIABETES**

N. NAEEM

Thursday August 28th

14:00 - 16:00

TEA GARDENS - L'ORÉE DU BOIS

TT5

TOURISTIC TOURS

L'Orée du Bois



DESCRIPTION

"L'Orée du bois" - Paris: Located at the entrance of the Bois de Boulogne, near the Champs Elysées, the tea garden cultivates 1000 tea plants and aromatic herbs in a 2000m² park to the production of teas and infusions. The urban garden benefits from non-polluted soil. Urban agriculture is an opportunity for Tea Gardens to connect consumers with plants and bring biodiversity to the city. The site is also a place for activities and training in tea cultivation. Date : August, 28th 2025 Time : 10:00am to 12:00am or 2:00pm to 4:00pm (2 hours tour) Price (per person): 30€ (inc. taxes) Tour includes: English Guide and Entrance tickets

Thursday August 28th

15:45 - 16:15

THE FOREFRONT OF NUTRITION- SHAPING THE FUTURE WITH GLOBAL LEADERSHIP AND DREAMING BIG WITH YOUNG RESEARCHERS

SL29

SPECIAL LECTURE

Grand Amphitheatre



LISTE DES INTERVENANTS

SPEAKER(S)

H.S. KIM

Thursday August 28th

15:45 - 16:15

BREASTFEEDING PROMOTION- EDUCATIONAL INTERVENTIONS FOR HEALTH PROFESSIONALS- AN OPPORTUNITY FOR MANY COUNTRIES

SL30

SPECIAL LECTURE

Room Maillot



LISTE DES INTERVENANTS

SPEAKER(S)

B. VIZMANOS LAMOTTE

Thursday August 28th

15:45 - 16:15

DOES AN ANTI-INFLAMMATORY DIET REALLY EXIST?

SL31

SPECIAL LECTURE

Room 241



LISTE DES INTERVENANTS

SPEAKER(S)

P. CALDER

Thursday August 28th

15:45 - 16:15

MULTIOMICS- FUNCTIONAL MOLECULAR BIOMARKERS OF MICRONUTRIENTS FOR PUBLIC HEALTH APPLICATION

SL32

SPECIAL LECTURE

Room 242B



LISTE DES INTERVENANTS

SPEAKER(S)

L. ALLEN

Thursday August 28th

15:45 - 16:15

FOOD SYSTEMS AND ENVIRONMENT IN AFRICA

SL33

SPECIAL LECTURE

Room 243



LISTE DES INTERVENANTS

SPEAKER(S)

F. ZOTOR

Thursday August 28th

15:45 - 16:15

EXPERIENCE OF TEDUGLUTIDE USE IN ADULTS WITH SHORT BOWEL SYNDROME

SL34

SPECIAL LECTURE

Room 251



LISTE DES INTERVENANTS

SPEAKER(S)

F. JOLY

Thursday August 28th

15:45 - 16:15

INTESTINAL GLUCONEOGENESIS MAKES SENSE IN THE LIGHT OF EVOLUTION

SL35

SPECIAL LECTURE

Room 252A



LISTE DES INTERVENANTS

SPEAKER(S)

G. MITHIEUX

Thursday August 28th

15:45 - 16:15

FRUITS AND VEGETABLES FOR FOOD AND NUTRITIONAL SECURITY IN A GLOBAL HEALTH PERSPECTIVE

SL36

SPECIAL LECTURE

Room 252B



LISTE DES INTERVENANTS

SPEAKER(S)

M.J. AMIOT-CARLIN

Thursday August 28th

16:15 - 16:45

BREAK

Exhibition Hall



Thursday August 28th

16:45 - 18:15

SOAP 46 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP46

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



16:45 - 16:50

UNRAVELING THE IMPACT OF PREWEANING KETOSIS ON METABOLIC PROGRAMMING AND ITS IMPLICATIONS FOR OBESITY

F.J. LIN

16:50 - 16:55

PREVALENCE OF UNDERNUTRITION AND FEEDING DIFFICULTIES AMONG CHILDREN WITH DISABILITIES IN UGANDA: A CROSS-SECTIONAL STUDY

Z. MAKHOUL

16:55 - 17:00

EVALUATION OF PHYSIOLOGICALLY-BASED SERUM FERRITIN CUT-OFFS FOR DEFINING IRON DEFICIENCY AMONG A MULTINATIONAL SAMPLE OF HEALTHY CHILDREN AGED 5-14 YEARS

Y. ADDO,

17:00 - 17:05

MATERNAL HEIGHT AND SMALL VULNERABLE NEWBORN OUTCOMES: A STUDY FROM RURAL NEPAL

E. HAZEL

17:05 - 17:10

CHANGES IN DIET AND PHYSICAL ACTIVITY FOLLOWING LIFESTYLE INTERVENTIONS FOR POSTPARTUM WOMEN WHO EXPERIENCED HYPERTENSION IN PREGNANCY

M. GOW

17:10 - 17:15

PREVALENCE OF VITAMIN A DEFICIENCY AND ASSOCIATED RISK FACTORS IN MONGOLIAN CHILDREN AGED 6-59 MONTHS: FINDINGS FROM MONGOLIA'S VI NATIONAL NUTRITION SURVEY, 2023

T.A. MUNKHSAIKHAN

17:15 - 17:20

INTAKE24-MALAYSIA: A DISCOVERY APPROACH ON ADAPTING AN ONLINE 24-HOUR DIETARY ASSESSMENT TOOL IN A MULTICULTURAL ENVIRONMENT

N.N.I. NIK MOHD FAKHRUDDIN

17:20 - 17:25

A MIXED-METHOD STUDY ON DIETARY PATTERNS, NUTRITIONAL STATUS, AND PARENTAL PERCEPTIONS OF FOOD CHOICES IN CHINESE CHILDREN AGED 3-11 YEARS

P.Y. TAN

17:25 - 17:30

STUDY ON NEURODEVELOPMENT AND GROWTH OF CHILDREN TILL 30 MONTHS OF AGE, BORN DURING THE COVID-19 PANDEMIC IN INDIA

M. VENKATA SUREKHA

17:30 - 17:35

ASSOCIATION OF ULTRA-PROCESSED FOOD CONSUMPTION WITH BLOOD PRESSURE IN BRAZILIAN AND BRITISH ADOLESCENTS

J. CARTER

17:35 - 17:40

SYNERGISTIC EFFECTS OF A PARTICIPATORY NUTRITION EDUCATION AND HOME GARDENS INTERVENTION ON DIETARY DIVERSITY OF WOMEN AND CHILDREN IN INFORMAL SETTLEMENTS

C. MUSITA

17:40 - 17:45

THE ROLE OF NON GOVERNMENTAL ORGANIZATIONS IN SCALING UP IMPACT OF NUTRITION PROGRAMS FOR CHILDREN 0-5 YEARS OLD IN THE WESTERN VISAYAS REGION - A CASE STUDY RESEARCH

A. LIM TAN

17:45 - 17:50

BOTTLENECKS TO PRENATAL SUPPLEMENTATION DURING PREGNANCY IN ETHIOPIA

A. DEFAR

17:50 - 17:55

ESTIMATING THE EFFECTIVE COVERAGE OF PRENATAL MULTIPLE MICRONUTRIENT SUPPLEMENTATION AND IRON-FOLATE SUPPLEMENTATION IN ETHIOPIA: RESULTS FROM A LARGE-SCALE PRAGMATIC CLUSTER-RANDOMISED TRIAL

T. MARCHANT

17:55 - 18:00

EFFECT OF THE INTERVENTION WITH THE MOBILE APPLICATION 'AMAMANTAPP' ON KNOWLEDGE, ATTITUDES AND PRACTICES OF HUMAN MILK DONATION IN BREASTFEEDING WOMEN: RANDOMISED CONTROLLED TRIAL

V. ROJAS,

18:00 - 18:05

NOURISHING NATIONS' SURVEY OF SMALL-SCALE FISH PROCESSORS TO INFORM TRAINING TO IMPROVE FOOD SAFETY AND FISH HANDLING AND PROCESSING IN RURAL NIGERIA

T. TOLAR-PETERSON

Thursday August 28th

19:30 - 23:00

GALA DINNER

S3

SOCIAL EVENT

Paris



DESCRIPTION

Step aboard for an exceptional evening at the IUNS-ICN 2025 Congress Gala Dinner aboard the Bateaux Parisiens. A cruise along the Seine, enhanced by refined gastronomy and a breathtaking view of the iconic monuments of Paris, for an unforgettable experience. Date : Thursday, August 28th Time : 7:30-00:00 pm Boarding : from 7:30 pm Cruise departure : 8:30 pm Return to quay : 11:00 pm Price (per person) : 150€ (inc.VAT) Included in gala dinner : Aperitif with Champagne Dinner : starter, main course, dessert Beverages: white and red wine, soft drinks, coffee/tea 2h30 cruise through Paris Location : Diamant II, Port de la Bourdonnais, 75007, Paris

Friday August 29th

08:00 - 09:30

OAP 57 - PRECISION AND CLINICAL NUTRITION

OAP57

ORAL ABSTRACT PRESENTATION

Grand Amphitheatre



08:00 - 08:10

INCREASING THE PROPORTION OF SLOWLY DIGESTIBLE STARCH IN THE DAILY DIET IMPROVES GLYCEMIC VARIABILITY AND CONTROL IN TYPE 2 DIABETIC PATIENTS

M. CHISBERT

08:10 - 08:20

PERSONALIZED DIETARY FIBRE MIXTURES BASED ON IN VITRO MICROBIAL SCFA PRODUCTION REDUCE INSULIN RESISTANCE (HOMA-IR) IN INDIVIDUALS WITH PREDIABETES AND OVERWEIGHT/OBESITY

N. HAMARI,

08:20 - 08:30

GUT MICROBIAL CLUSTERS IN CHILDREN SHOW DIFFERENT CARDIOMETABOLIC RESPONSES TO WHOLEGRAINS – A POST-HOC ANALYSIS OF THE KORN RANDOMIZED TRIAL

C.T.. DAMSGAARD

08:30 - 08:40

MACHINE LEARNING-IDENTIFIED HABITUAL DIETARY PATTERNS ARE ASSOCIATED WITH HOST METABOLISM THROUGH GUT MICROBIOTA MEDIATION

H. PARK

08:40 - 08:50

IN SILICO GUT MICROBIOME METABOLIC MODELING IDENTIFIES METABOLITES THAT ARE ASSOCIATED WITH METABOLIC HEALTH AND ARE MODIFIABLE BY DIETARY INTERVENTIONS

T. SWARTZ

08:50 - 09:00

THE INTERACTION OF SEX AND THE CHEESE MATRIX ON THE CHOLESTEROL RESPONSE TO DAIRY FAT IN MIDDLE-AGED ADULTS

M. ROONEY

09:00 - 09:10

ASSOCIATION BETWEEN DIETARY LIVE MICROBES AND FATIGUE MEDIATED BY FOLATE: FINDINGS FROM A CROSS-SECTIONAL STUDY OF THE U.S. NATIONAL SURVEY IN OLDER ADULTS

G. BIGMAN

09:10 - 09:20

NOVEL POPULATION-SPECIFIC GENETIC VARIANTS ASSOCIATED WITH VITAMIN B12 BIOAVAILABILITY IN HEALTHY INDIANS

A. SIVADAS

09:20 - 09:30

ASSOCIATION BETWEEN COMPOSITE DIETARY ANTIOXIDANT INDEX AND RISK OF HEPATIC STEATOSIS AND FIBROSIS AMONG CHOLECYSTECTOMY ADULTS: EVIDENCE FROM NHANES 2017-2020

S. HUA

Friday August 29th

08:00 - 09:30

OAP 58 - NON COMMUNICABLE DISEASES

OAP58

ORAL ABSTRACT PRESENTATION

Room Maillot



08:00 - 08:10

ASSESSING THE POTENTIAL IMPACT OF SALT REFORMULATION ON NON-DISCRETIONARY DIETARY SALT INTAKES IN IRISH ADULTS

O.C. LYONS

08:10 - 08:20

PROSPECTIVE ASSOCIATIONS OF ANXIETY, INSOMNIA, AND THEIR COMORBIDITY WITH INCIDENT OBESITY IN FRENCH MEN AND WOMEN FROM THE GENERAL POPULATION

L. FEZEU

08:20 - 08:30

CLINICAL CHARACTERISTICS OF PATIENTS WITH OBESITY SECONDARY TO DIFFERENT MC4R PATHWAY DISEASES AND 1-YEAR RESPONSE TO SETMELANOTIDE

K. CLEMENT

08:30 - 08:40

ALCOHOL CONSUMPTION, SMOKING AND THEIR SYNERGY AS RISK FACTORS FOR INCIDENT TYPE 2 DIABETES

L. FEZEU

08:40 - 08:50

THE SULFUR MICROBIAL DIET AND DEMENTIA RISK: INSIGHTS FROM A LARGE-SCALE POPULATION-BASED PROSPECTIVE COHORT STUDY

J. NA

08:50 - 09:00

**THE ROLE AND MECHANISM OF HYODEOXYCHOLIC ACID INHIBITED COLORECTAL TUMORS
VIA OMICS ANALYSIS**

J. HE

09:00 - 09:10

**SELF-WEIGHING AND DISORDERED EATING AMONG WOMEN: EXPLORING THE MODERATING
ROLE OF PSYCHOLOGICAL RESILIENCE AND SELF-COMPASSION**

T. TURKCAN

09:10 - 09:20

**REPLACEMENT OF ANIMAL WITH PLANT PROTEIN FOODS REDUCES BLOOD PRESSURE IN
INDIVIDUALS WITH PREHYPERTENSION OR HYPERTENSION: A SYSTEMATIC REVIEW AND
META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS**

Z. HOUSHIALSADAT

09:20 - 09:30

**ADIPOSE AND BLOOD DNA METHYLOME OF SOUTH ASIAN INDIANS WITH TYPE 2 DIABETES
MELLITUS: RELATIONS WITH GLYCEMIC CONTROL**

A. MUKHOPADHYAY

Friday August 29th

08:00 - 09:30

OAP 59 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

OAP59

ORAL ABSTRACT PRESENTATION

Room 241



08:00 - 08:10

IMPACT OF REPLACING FOODS WITHIN DISH CATEGORIES OF JAPANESE FOOD-BASED DIETARY GUIDELINES ON NUTRITIONAL QUALITY, GREENHOUSE GAS EMISSIONS, AND DIETARY COST

M. TAKANO

08:10 - 08:20

POTENTIAL CLIMATE CHANGE IMPACTS ON THE MINERAL CONTENT OF FARMED ATLANTIC SALMON

X. ZHAN

08:20 - 08:30

COUPLED HEALTH, ENVIRONMENTAL, ECONOMIC, AND SOCIAL IMPACTS OF SHIFTING TO RECOMMENDED DIETS IN THE US

N.T. BLACKSTONE

08:30 - 08:40

DIET QUALITY AND DIET-RELATED ENVIRONMENTAL IMPACTS IN A CROSS-SECTIONAL STUDY OF VIETNAMESE ADOLESCENTS

H. CAI

08:40 - 08:50

WOMEN'S DIETARY DIVERSITY AMIDST CLIMATE VARIABILITY: A COMPARATIVE ANALYSIS ACROSS EIGHT LOW- AND MIDDLE- INCOME COUNTRIES

B. CARDUCCI

08:50 - 09:00

NUTRITIONAL LABELLING TOWARDS HEALTHY AND SUSTAINABLE DIETS: AN ANALYSIS OF THE NUTRIENT PROFILING SYSTEMS PROPOSED AT GLOBAL LEVEL

L. MUZZIOLI

09:00 - 09:10

EVALUATION OF THE KNOWLEDGE LEVELS OF ADULT INDIVIDUALS ON SUSTAINABLE NUTRITION

N.N. ASLAN ÇIN

09:10 - 09:20

DEVELOPMENT AND CHARACTERIZATION OF GLUTEN-FREE BREAD USING MILLET AND MATTA RICE FLOUR FOR A SUSTAINABLE BIOECONOMY

U. SUNKARI

09:20 - 09:30

REPLACING RED AND PROCESSED MEAT, POULTRY, OR FISH WITH LEGUMES AND THE RISK OF GALLBLADDER DISEASES IN A LARGE BRITISH COHORT

C.C.. DAHM

Friday August 29th

08:00 - 09:30

OAP 60 - BASIC RESEARCH IN NUTRITION

OAP60

ORAL ABSTRACT PRESENTATION

Room 242A



08:00 - 08:10

IN VITRO INHIBITION OF ARGINASE ACTIVITY BY WHITE AND BLUE LUPIN PROTEIN HYDROLYSATES

S. CHUKWUEJIM

08:10 - 08:20

EXPLORING THE IMPACT OF SOCIAL MEDIA ON DIETARY HABITS: AN INTEGRATED BEHAVIOR MODEL APPROACH AMONG SAUDI COLLEGE STUDENTS

N. BAWAZEER,

08:20 - 08:30

XYLOOLIGOSACCHARIDE AND AKKERMANSIA MUCINIPHILA SYNERGISTICALLY AMELIORATE INSULIN RESISTANCE BY RESHAPING GUT MICROBIOTA, IMPROVING INTESTINAL BARRIER AND REDUCING INFLAMMATION IN GESTATIONAL DIABETES MELLITUS MICE

Q. LI

08:30 - 08:40

ASSESSING DIGESTIBLE INDISPENSABLE AMINO ACID SCORE (DIAAS) AND NUTRITIONAL QUALITY OF NOVEL PLANT CELL CULTURES AND OAT PROTEIN PRODUCED VIA DRY EXTRUSION

V. IANNONE

08:40 - 08:50

FAS IN ADIPOSE TISSUE MODULATES GUT MICROBIOTA TO EXACERBATED DEXTRAN SODIUM SULFATE-INDUCED INFLAMMATORY BOWEL DISEASE IN OBESITY

M. DUAN

08:50 - 09:00

PROTEIN FERMENTATION BIOMARKERS DO NOT VARY BETWEEN DIETARY PROTEIN SOURCES DIFFERING IN DIGESTIBILITY

R. MINDERHOUD

09:00 - 09:10

PROXIMATE ANALYSIS AND MINERAL CONTENTS OF LOCALLY MADE MULTIGRAIN POWDER (SABAYA) IN NORTHERN NIGERIA

N. SIRAJO SADI

09:10 - 09:20

SOURCES OF DIETARY MICRONUTRIENT INTAKE AMONG U.S. YOUTHS AGED 2–19 YEARS, NHANES 2021–2023

H. ZHONG

09:20 - 09:30

APPLICATION OF THE COM-B MODEL TO INFORM DIET BEHAVIOUR CHANGE INTERVENTIONS IN PASTORALISTS SETTING IN KENYA

E. OMOSA

Friday August 29th

08:00 - 09:30

OAP 61 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP61

ORAL ABSTRACT PRESENTATION

Room 242B



08:00 - 08:10

THE ROLE OF BEEF FOR THE AFFORDABLE AND ADEQUATE PROVISION OF BIOAVAILABLE NUTRIENTS IN SUSTAINABLE DIETS THROUGHOUT THE LIFESPAN

S. CHUNGCHUNLAM

08:10 - 08:20

PREVALENCE OF CARDIOVASCULAR DISEASE RISK FACTORS AMONG HEALTH PROFESSIONALS: A CROSS-SECTIONAL STUDY

A. MADUFORO

08:20 - 08:30

PREVALENCE AND RISK FACTORS OF METABOLIC SYNDROME AMONG PUBLIC PRIMARY SCHOOL TEACHERS

M. ALOYSIUS-MADUFORO

08:30 - 08:40

ASSESSING THE IMPACT OF EMPOWERING ADOLESCENT GIRLS THROUGH ENHANCED HOMESTEAD FOOD PRODUCTION (EHFP) MODELS ON HOUSEHOLD FOOD SECURITY IN BANGLADESH

N. MEHJABIN

08:40 - 08:50

EATING JETLAG AND RISK OF CARDIOVASCULAR DISEASE: PROSPECTIVE STUDY OF A LARGE FRENCH COHORT

X. LE FOLCALVEZ

08:50 - 09:00

**FACTORS ASSOCIATED WITH SUCCESSFUL EXCLUSIVE BREASTFEEDING AMONG
EMPLOYED MOTHERS IN THE FORMAL SECTOR. A MIXED METHOD STUDY**

J. EDEMA

09:00 - 09:10

**EVALUATING THE IMPACT OF FRONT-OF-PACKAGE NUTRITION LABELS ON CONSUMER'S
FOOD CHOICES AND PERCEPTION IN A TIME-PRESSURED ENVIRONMENT**

E. HAFNER

09:10 - 09:20

**ASSESSMENT OF MATERNAL , INFANT AND YOUNG CHILD FEEDING PRACTICES OF
TEENAGE SINGLE MOTHERS**

W. OGAR

09:20 - 09:30

**ASSOCIATION BETWEEN WHOLE GRAIN CONSUMPTION BEHAVIORS AND ITS DIETARY
BELIEFS IN TAIWAN**

S.T. DU

Friday August 29th

08:00 - 09:30

OAP 62 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP62

ORAL ABSTRACT PRESENTATION

Room 243



08:00 - 08:10

RELIABILITY OF A 29-FOOD GROUP PAST DAY DIETARY SCREENER

S. HINKLE

08:10 - 08:20

PRENATAL IRON SUPPLEMENTATION AND CHILDHOOD UNDERNUTRITION: EVIDENCE FROM SUB-SAHARAN AFRICA

Y. BEKELE

08:20 - 08:30

MEAL TIMING AND RISK OF METABOLIC SYNDROME IN THE FRENCH NUTRINET-SANTÉ BIOBANK

E. OBEID

08:30 - 08:40

IMPACT OF PREBIOTIC CHICORY ROOT FIBRE SUPPLEMENTATION ON GUT-BRAIN AXIS AND STRESS RESPONSES IN HUMAN INTERVENTION STUDIES

J. VAN HARSELAR

08:40 - 08:50

DIETARY INFLAMMATORY INDEX AND BIOMARKERS OF INFLAMMATION AT BIRTH

C. DOW

08:50 - 09:00

FOOD INSECURITY DURING PREGNANCY IN FRENCH GUIANA: THE SCALE OF THE PROBLEM AND ASSOCIATIONS WITH UNHEALTHY DIET

09:00 - 09:10

CO-DESIGN PROCESS FOR A MULTI-SECTORAL NUTRITION INITIATIVE IN NEPAL: HOW LOCAL NUTRITION ACTORS USE DATA FOR EVIDENCE-BASED PLANNING

A. SINGH

09:10 - 09:20

ASSOCIATION BETWEEN DIETARY FOLATE INTAKE AND BIOMARKERS OF FOLATE STATUS AMONG WOMEN OF REPRODUCTIVE AGE IN OROMIA REGION, ETHIOPIA

I. AGBEMAFLE

09:20 - 09:30

COMPREHENSIVE LARGE-SCALE FOOD FORTIFICATION ASSESSMENT: USE OF POLICY, INDUSTRY, DIET, COSTING, AND FINANCIAL LANDSCAPE ASSESSMENT RESULTS TO STRENGTHEN THE NATIONAL FOOD FORTIFICATION STRATEGY IN MADAGASCAR

M. WOLDT

Friday August 29th

08:00 - 09:30

OAP 63 - NON COMMUNICABLE DISEASES

OAP63

ORAL ABSTRACT PRESENTATION

Room 251



08:00 - 08:10

ASSOCIATION OF NOVEL DIETARY AND LIFESTYLE INFLAMMATION SCORES WITH INCIDENCE OF CARDIOVASCULAR DISEASES AND HEART FAILURE IN MIDDLE-LATE ADULTHOOD

P. HADAEKH

08:10 - 08:20

ASSOCIATION BETWEEN MINDFUL EATING AND WEIGHT STATUS IN A FRENCH COHORT

P. PAOLASSINI GUESNIER

08:20 - 08:30

CONSUMPTION OF DIFFERENT POTATO PREPARATIONS AND WEIGHT CHANGE IN THE EUROPEAN PROSPECTIVE INVESTIGATION INTO CANCER AND NUTRITION (EPIC) STUDY

G. SKEIE

08:30 - 08:40

THE ASSOCIATION BETWEEN INDOOR BIOFUEL USE FOR COOKING AND GLUCOSE METABOLISM IN ADULTS: A CROSS-SECTIONAL STUDY

H. KUNZI

08:40 - 08:50

THE IMPACT OF NUTRITIONAL, SENSORY AND CULINARY SUPPORT ON IMPROVING THE FOOD-RELATED QUALITY OF LIFE IN CANCER PATIENTS TREATED WITH CHEMOTHERAPY

A. DOUGKAS,

08:50 - 09:00

EVALUATION OF THE EFFECTIVENESS OF 5A-5R COUNSELING SERVICES FOR TOBACCO CESSATION, A MAJOR RISK FACTOR FOR NONCOMMUNICABLE DISEASES

S. AHMED

09:00 - 09:10

CARDIOMETABOLIC HEALTH EFFECTS OF DIETARY COUNSELING ON A HIGH-QUALITY, FIBER-RICH DIET IN ADULTS WITH TYPE 2 DIABETES: A RANDOMIZED CONTROLLED TRIAL

M. GELEIJNSE

09:10 - 09:20

ADAPTATIONS OF MUSCLE STRENGTH AND QUALITY IN MALE AND FEMALE OBESE OLDER ADULTS AFTER 12 WEEKS OF CITRULLINE SUPPLEMENTATION COMBINED WITH HIGH-INTENSITY INTERVAL TRAINING

P. NOIREZ

09:20 - 09:30

REPLACING DIETARY RED MEAT WITH NON-SOY LEGUMES HAS NO EFFECT ON SYSTEMIC INFLAMMATION VIA GUT BARRIER FUNCTION OR CHOLINE METABOLISM IN 6-WEEK RCT WITH HEALTHY MEN

T.K. PIETILÄ

Friday August 29th

08:00 - 09:30

OAP 64 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP64

ORAL ABSTRACT PRESENTATION

Room 252A



08:00 - 08:10

ASSOCIATIONS OF CIRCULATING BLOOD MICRONUTRIENTS IN EARLY PREGNANCY WITH BIRTH OUTCOMES AMONG GHANAIAI WOMEN

O. ASAMOAHO-BOAKYE

08:10 - 08:20

RELATIONSHIP BETWEEN LEUCINE INTAKE, POLYPHENOL CONSUMPTION, AND SARCOPENIA INDICATORS IN CHILEAN OLDER ADULTS PARTICIPATING IN THE PROGRAM FOR COMPLEMENTARY FOOD IN OLDER PEOPLE (PACAM) FROM THE METROPOLITAN REGION, SANTIAGO DE CHILE

M.S. MARIOTTI-CELIS

08:20 - 08:30

CLIMATE SMART NUTRITION-SENSITIVE INTERVENTIONS AND MATERNAL AND CHILD OUTCOMES IN FRAGILE ENVIRONMENTS OF KENYA

F. GRANT

08:30 - 08:40

ASSOCIATION OF HOUSEHOLD WATER, SANITATION, FOOD HYGIENE PRACTICES, AND MICROBIAL CONTAMINATION WITH CHILDHOOD STUNTING: INSIGHTS FROM THE ACTION AGAINST STUNTING HUB

N.K. R

08:40 - 08:50

CONSUMPTION PATTERN OF COMMERCIAL SNACK FOODS AND SUGAR-SWEETENED BEVERAGES DURING THE COMPLEMENTARY FEEDING PERIOD AMONG CHILDREN LESS THAN 24 MONTHS IN IBADAN, NIGERIA

08:50 - 09:00

ENHANCING PRENATAL NUTRITION AND INFECTION CONTROL: IMPACT ON CHILD GROWTH AT 24 MONTHS OF AGE IN RURAL ETHIOPIA

A.C. LEE

09:00 - 09:10

UNVEILING THE PATH TO NUTRITION: FACTORS INFLUENCING NUTRITIONAL RESILIENCE IN LOW-BIRTH-WEIGHT UNDER-FIVE CHILDREN

R.R. CH

09:10 - 09:20

ADDRESSING GENDER BARRIERS OF WOMEN'S ACCESS TO RESOURCES CONTRIBUTES TO IMPROVED DIETARY DIVERSITY FOR WOMEN AND CHILDREN AGED 6 TO 23 MONTHS

E. WONTANGA

09:20 - 09:30

ADHERENCE TO THE PROVEGETARIAN FOOD PATTERNS AND THE RISK OF CARDIOVASCULAR DISEASE IN A MEDITERRANEAN MIDDLE-AGED POPULATION

C. SAYON-OREA

Friday August 29th

08:00 - 09:30

OAP 65 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP65

ORAL ABSTRACT PRESENTATION

Room 252B



08:00 - 08:10

ADIPOSITY AS A RISK FACTOR FOR IRON DEFICIENCY IN PREGNANCY

S.P. DEMIRDJIAN

08:10 - 08:20

FIRST FOODS: NAVIGATING KNOWLEDGE PATHWAYS FOR INFANT AND YOUNG CHILD FEEDING WITHIN URBAN INDIGENOUS ENVIRONMENTS

H. NEUFELD

08:20 - 08:30

SEX DIFFERENCES IN FACTORS ASSOCIATED WITH BINGE EATING BEHAVIORS: RESULTS FROM A FRENCH NATIONAL RANDOM POPULATION-BASED STUDY

J. KOSE

08:30 - 08:40

SODIUM REDUCTION IN THE CANADIAN PROCESSED FOOD SUPPLY BETWEEN 2010 AND 2020

E. ZIRALDO

08:40 - 08:50

FOOD ENVIRONMENTS AND DIETARY INTAKE IN URBAN AND RURAL KENYA

C. TERMOTE

08:50 - 09:00

VOLUNTARY SALT REDUCTION IN THE FOOD INDUSTRY: TARGETS, STRATEGIES, AND CHALLENGES – INSIGHTS FROM A SCOPING REVIEW AND QUESTIONNAIRE SURVEY

N. IKEDA

09:00 - 09:10

**HIDDEN AGENDAS: THE USE OF CORPORATE PLAYBOOK STRATEGIES IN AUSTRALIAN
GOVERNMENTAL FOOD POLICIES**

A. HAYES

09:10 - 09:20

LEVERAGE AI TO DETECT UNHEALTHY CHILD-DIRECTED MARKETING IN FOOD PACKAGING

G. HU

09:20 - 09:30

**ASSOCIATIONS BETWEEN EARLY-LIFE HEMOGLOBIN CONCENTRATION AND COGNITION: A
LONGITUDINAL STUDY OF 9-11 YEAR OLD GHANAIAN PREADOLESCENTS**

K.Y.. KWON

Friday August 29th

08:00 - 09:30

OAP 66 - THE FUTURE OF NUTRITION RECOMMENDATIONS

OAP66

ORAL ABSTRACT PRESENTATION

Room 253



08:00 - 08:10

LONG-TERM EFFECTS OF CHRONIC CONSUMPTION OF SUGARS AND NON-NUTRITIVE SWEETENERS ON DECISION-MAKING

C. EUSTACHE

08:10 - 08:20

THE HEALTH EFFECTS OF MICRO-VEGETABLE CONSUMPTION: A SYSTEMATIC REVIEW OF IN-VITRO AND IN-VIVO STUDIES

C. HENRY

08:20 - 08:30

ARE SUSTAINABLE DIETS GOOD FOR OUR METABOLIC HEALTH? EXPLORING PHENOTYPIC RESPONSE TO THE MYPLANETDIET RCT

K. DAVIES

08:30 - 08:40

A LITERATURE-BASED DATA SCANNING AND PRIORITISATION STUDY TO GUIDE SYSTEMATIC LITERATURE REVIEWS FOR EVIDENCE-BASED CANCER PREVENTION RECOMMENDATIONS

D.S.M.. CHAN

08:40 - 08:50

RESPONSE TO TREATMENT OF GIRLS AND BOYS WITH SEVERE ACUTE MALNUTRITION IN A GENDER-BIASED ENVIRONMENT: A SECONDARY ANALYSIS OF EFRAMAS REDUCED RUTF DOSE TRIAL

S. BOTOMBA

08:50 - 09:00

THE EFFECT OF N-ACETYLCYSTEINE SUPPLEMENTATION ON SPORTS PERFORMANCE IN AMATEUR ENDURANCE ATHLETES

M. SADOWSKI

09:00 - 09:10

ADHERENCE TO THE NEW NORDIC NUTRITION RECOMMENDATIONS FOR ANIMAL-BASED FOOD GROUPS BY EDUCATION LEVEL IN FINNISH ADULTS

T. SUIKKI

09:10 - 09:20

REEVALUATING DAIRY FAT: EMERGING EVIDENCE ON THE HEALTH BENEFITS OF FULL-FAT DAIRY AND THE ROLE OF MILK FAT GLOBULE MEMBRANE ON POSTPRANDIAL LIPEMIA AND CARDIOVASCULAR HEALTH

M.C. MICHALSKI

09:20 - 09:30

A SYSTEMATIC REVIEW OF NUTRIENT PROFILING MODELS THAT PROMOTE A HEALTHY DIET

L. O'NEILL

Friday August 29th

08:00 - 09:30

OAP 67 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

OAP67

ORAL ABSTRACT PRESENTATION

Room 341



08:00 - 08:10

EVALUATION OF THE SUSTAINABILITY AND EFFICIENCY OF THE COMMUNITY INTERVENTION PROGRAM ALIMADANTS FOR FAMILY CAREGIVERS OF THE ELDERLY IN THE NORTH OF FRANCE

A.K. ILLNER

08:10 - 08:20

NUTRITIONAL STATUS AND BMI PATTERNS AMONG RURAL ELDERLY

B.R. KAREEM

08:20 - 08:30

ACCELERATING THE REDUCTION IN CHILDHOOD UNDERNUTRITION IN A LOWER-MIDDLE-INCOME COUNTRY SETTING: EVIDENCE FROM A 'BEST-IN-CLASS' PUBLIC-PRIVATE PARTNERSHIP, STATE OF MADHYA PRADESH, INDIA

M. SRINIVAS

08:30 - 08:40

AN INDEX OF PROTEIN PRICE AND QUALITY: 2009 TO 2023

Y. OOI

08:40 - 08:50

THE IMPACT OF FRONT-OF-PACKAGE NUTRITION LABELING ON CRITICAL NUTRIENT CONSUMPTION IN LATIN AMERICA AND THE CARIBBEAN: A SYSTEMATIC REVIEW

B. TORQUATO

08:50 - 09:00

**MEASURING COVERAGE OF LARGE-SCALE FOOD FORTIFICATION AT THE HOUSEHOLD
LEVEL: LIMITATIONS AND OPPORTUNITIES**

S. SCOTT

09:00 - 09:10

**MAPPING POWER AND INFLUENCE IN MATERNAL AND CHILD HEALTH AND NUTRITION: A
NET-MAP STUDY IN MEXICO**

M. ANCIRA MORENO

09:10 - 09:20

**THE HIGHER DENSITY OF UNHEALTHY FOOD STORES AROUND SCHOOLS IS ASSOCIATED
WITH INCREASED CONSUMPTION OF SUGAR-SWEETENED BEVERAGES AMONG BRAZILIAN
CHILDREN**

M. DE SANTIS FILGUEIRAS

Friday August 29th

08:00 - 09:30

SOAP 47 - BASIC RESEARCH IN NUTRITION

SOAP47

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



08:00 - 08:05

SUBSTANTIAL AGREEMENT BETWEEN RATERS WHEN CATEGORIZING ULTRA-PROCESSED FOODS IN A LARGE DIETARY SURVEY – A PILOT STUDY

T. SÄLLSTRÖM

08:05 - 08:10

OVERCOMING BUDGET, AVAILABILITY, AND ATTENTION CONSTRAINTS TO HEALTHY DIETS IN TANZANIA

G. TEMBA

08:10 - 08:15

INTEGRATING NUTRITION IN FARMER FIELD SCHOOLS (FFS)

N. SEMU

08:15 - 08:20

PTEROSTILBENE MODULATES NUCLEAR METABOLITES LINKED TO EPIGENETIC REGULATION IN LIVER CANCER

C. BOYCOTT

08:20 - 08:25

ASSESSING VITAMIN A STABILITY IN EDIBLE OILS IN ZAMBIA

G.K. MUNTHALI,

08:25 - 08:30

"ENHANCING SUSTAINABLE NUTRITIONAL OUTCOMES THROUGH NUTRITIOUS AND SAFE FOODS: A CONSUMER PREFERENCES AND CONSUMPTION STUDY IN RURAL COMMUNITIES"

08:30 - 08:35

THE IMPACT OF SEQOTA DECLARATION EXPANSION PHASE INTERVENTIONS ON AVERTING CHILD STUNTING, AND REDUCING CHILD MORTALITY

D. TESHOME

08:35 - 08:40

TARGETING DAP5 ALLEVIATES LIPID DEPOSITION AND LIVER INFLAMMATION IN METABOLIC DYSFUNCTION-ASSOCIATED STEATOHEPATITIS

Z. WAN

08:40 - 08:45

TAURINE AND PUTRESCINE MEDIATED BY GUT MICROBIOTA PROMOTE GESTATIONAL DIABETES MELLITUS THROUGH NLRP6/NF-KB PATHWAY

H. JUNHUA

08:45 - 08:50

THE PUTRA COMMUNITY NUTRITION AMBASSADOR PROGRAMME (PUTRACNAP): A CLUSTER-RANDOMIZED CONTROLLED TRIAL TO IMPROVE DIETARY QUALITY AND PHYSICAL ACTIVITY IN LOW-INCOME FAMILIES

Y.S. CHIN

08:50 - 08:55

PREDICTORS OF RECOVERY AMONG 6 – 59 MONTHS CHILDREN HAVING UNCOMPLICATED SEVERE ACUTE MALNUTRITION ATTENDING THE OUTPATIENT THERAPEUTIC FEEDING PROGRAM OF HEALTH CENTRES IN KANDAHAR CITY, AFGHANISTAN: A MULTICENTRE PROSPECTIVE COHORT STUDY

G. SCARPA

08:55 - 09:00

FACTORS ASSOCIATED WITH MODERATE TO SEVERE FOOD INSECURITY IN ULTRA POOR SLUM SETTLEMENTS OF BANGLADESH

S. RAHMAN

09:00 - 09:05

**ULTRA-PROCESSED PLANT-RICH DIETS AND RISK OF MORTALITY: FINDINGS FROM A
LARGE-SCALE PROSPECTIVE STUDY**

A.S.. THOMPSON

09:05 - 09:10

**INTERMITTENT FASTING ENHANCES ONE-CARBON METABOLISM AND MODULATES GLYCINE
CLEAVAGE SYSTEM ACTIVITY IN VIVO**

E.I. CHIANG

09:10 - 09:15

**ESTIMATION OF TOTAL FLAVONOID AND FLAVONOID CLASS INTAKE OF OLDER
AUSTRALIANS FOLLOWING A MEDITERRANEAN DIET AND WALKING INTERVENTION FOR 6-
MONTHS**

K. MURPHY

Friday August 29th

08:00 - 09:30

SOAP 48 - GLOBAL HEALTH AND PLANETARY NUTRITION

SOAP48

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



08:00 - 08:05

THE COST OF A NUTRIENT ADEQUATE DIET RELATIVE TO INCOME IN THE PHILIPPINES

L. O'NEILL

08:05 - 08:10

KNOWLEDGE, ATTITUDE, AND PRACTICE ON SUSTAINABLE DIET AMONG NUTRITION AND DIETETIC STUDENTS AND PROFESSIONALS: A SCOPING REVIEW

N.Y. RAHMA

08:10 - 08:15

INCIDENCE AND PERSISTENCE OF MODERATE ACUTE MALNUTRITION (MAM) IN A LONGITUDINAL COHORT OF REFUGEE CHILDREN: WHICH CHILDREN ARE AT HIGHEST RISK AND IN NEED OF ACTIVE MANAGEMENT?

C.M. WRIGHT

08:15 - 08:20

POLICY COHERENCE FOR HEALTHY DIETS: A MULTI-COUNTRY ANALYSIS

S. NORDHAGEN

08:20 - 08:25

HEALTHY AND SUSTAINABLE SEAL FOR RESTAURANTS AND THE PROMOTION OF HEALTHY AND SUSTAINABLE EATING HABITS

S. CAIVANO

08:25 - 08:30

UNHEALTHY FOOD CONSUMPTION IS NOT ASSOCIATED WITH WEIGHT-FOR-LENGTH Z SCORE AMONG JORDANIAN CHILDREN 6-23 MONTHS

A. ALGHANMI

08:30 - 08:35

HEALTHY PUBLIC FOOD PROCUREMENT IS POSSIBLE! AN IMPACT EVALUATION OF ULTRA-PROCESSED FOOD RESTRICTIONS IN A LARGE NATIONAL SCHOOL PROGRAM

A.C. DURAN

08:35 - 08:40

FACTORS ASSOCIATED WITH MICRONUTRIENT-RICH FOOD, BREASTMILK SUBSTITUTE, AND UNHEALTHY FOOD CONSUMPTIONS AMONG JORDANIAN CHILDREN 6-23 MONTHS

A. ALGHANMI

08:40 - 08:45

ASSOCIATION OF FOOD ENVIRONMENT WITH FOOD SECURITY AND DIET QUALITY IN RURAL COMMUNITIES OF ANDHRA PRADESH, INDIA: A CROSS-SECTIONAL STUDY

V. SHARMA

08:45 - 08:50

MULTIDISCIPLINARY APPROACHES INCORPORATING “MOTTAINAI” AND JAPANESE CULINARY TRADITION CONCEPTS, FOOD LITERACY AND ART TO PROMOTE PLANETARY HEALTH IN FAMILIES OF SCHOOL-AGED CHILDREN: A PRE- AND POST-INTERVENTION STUDY

A.L.. GARCIA

08:50 - 08:55

DIETARY PATTERNS IN TRANSITIONING RURAL AND URBAN AREAS

L. PAULO

08:55 - 09:00

DRIED FISH SAFELY PROVIDE CRITICAL NUTRIENTS TO INLAND AND COASTAL COMMUNITIES

K. BYRD

09:00 - 09:05

PERCEPTIONS AROUND FOOD ENVIRONMENT AND DIETARY DIVERSITY OF RURAL COMMUNITIES OF CHHATTISGARH, INDIA

S. KOHLI

09:05 - 09:10

CHARACTERIZATION, DETERMINANTS, AND HEALTHINESS OF DIETARY PATTERNS OF ADOLESCENTS ALONG THE RURAL-URBAN CONTINUUM IN VIETNAM

K. MAASEN

09:10 - 09:15

NUTRITIONAL INTERVENTIONS FOR PULMONARY TUBERCULOSIS PATIENTS

K. XIONG

09:15 - 09:20

UNDERSTANDING THE DRIVERS OF FOOD CHOICE IN ETHIOPIA: A LITERATURE REVIEW

M. ASRULLAH

Friday August 29th

08:00 - 09:30

SOAP 49 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP49

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



08:00 - 08:05

IMPACT OF ECONOMIC DISPARITY ON PREGNANCY WEIGHT GAIN IN A LMIC COUNTRY

Y.N. WALPITA

08:05 - 08:10

EFFECTS OF MECHANICAL STIMULATION ON MUSCLE HYPERTROPHY IN ADULT AND AGING MICE

C. BUMRUNGKIT

08:10 - 08:15

STRENGTHENING NUTRITION INTERVENTIONS IN ISIOLO COUNTY: TRENDS AND IMPLICATIONS

E. NJERI

08:15 - 08:20

BABY FRIENDLY COMMUNITY INITIATIVE IMPLEMENTATION LAYERED ON SOCIAL PROTECTION- NUTRITION IMPROVEMENT THROUGH CASH AND HEALTH EDUCATION

R. WAMBUI

08:20 - 08:25

PREDICTORS OF STUNTING IN YOUNG CHILDREN IN A VULNERABLE POPULATION: INFLUENCE OF PARENTAL HEIGHTS

U. SENARATH

08:25 - 08:30

**SYSTEMATIC REVIEW AND META-ANALYSES ON THE EFFECTS OF ASPARTAME ON
GLUCOSE, INSULIN AND APPETITE-REGULATING HORMONES**

K. APPLETON

08:30 - 08:35

**ASSOCIATIONS BETWEEN GESTATIONAL WEIGHT GAIN AND BIRTH OUTCOMES IN AMHARA,
ETHIOPIA**

Y. KANG

08:35 - 08:40

**WORKPLACE BREASTFEEDING SUPPORT IN LOW- AND MIDDLE-INCOME COUNTRIES: A
SCOPING REVIEW OF LITERATURE SINCE 2016**

B.P.. MABASO

08:40 - 08:45

**THE ASSOCIATION BETWEEN PATERNAL PRECONCEPTION BMI AND EARLY CHILDHOOD
NUTRITIONAL RISK, A LONGITUDINAL COHORT STUDY**

F. KHORRAMROUZ

08:45 - 08:50

**USERS' PERCEPTIONS OF FOOD CHOICES AND PURCHASING BEHAVIOR IN
FOOD/BEVERAGE DELIVERY APPS**

I. BEZERRA

08:50 - 08:55

**MALNUTRITION IN CHILDREN UNDER 1 IN AFGHANISTAN- A MIXED-METHODS STUDY TO
EXPLORE CAUSES AND NEEDS OF CHILDREN AND CAREGIVERS**

G. SCARPA

08:55 - 09:00

**ULTRA PROCESSED FOOD, NUTRIENT INTAKE AND RISK OF ADVERSE PREGNANCY
OUTCOMES**

S. BEN AVRAHAM

09:00 - 09:05

**SCALING UP THE IMAM SURGE APPROACH: STRENGTHENING HEALTH SYSTEMS TO
COMBAT MALNUTRITION IN ISIOLO COUNTY**

E. NJERI

09:05 - 09:10

**WEIGHT GAIN DURING KEY DEVELOPMENTAL PERIODS AND BIOLOGICAL AGE
ACCELERATION IN YOUNG ADULthood: EVIDENCE OF SEX-SPECIFIC ASSOCIATIONS IN A
YOUNG FILIPINO COHORT**

R. VOLOSHCHUK

09:10 - 09:15

**EXAMINATION OF FOOD SECURITY AND NUTRITION SECURITY STATUS BY DEMOGRAPHIC
VARIABLES AMONG PARTICIPANTS IN THE SPECIAL SUPPLEMENTAL NUTRITION PROGRAM
FOR WOMEN, INFANTS AND CHILDREN (WIC) IN VENTURA, CA, USA**

D. HERMAN

Friday August 29th

08:00 - 09:40

OAP 68 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

OAP68

ORAL ABSTRACT PRESENTATION

Room 342A



08:00 - 08:10

DIETS OPTIMIZED FOR ENVIRONMENTAL SUSTAINABILITY AND HEALTH: IMPLICATIONS FOR DIET COSTS ACROSS SOCIO-ECONOMIC POSITIONS FOR DUTCH ADULTS

R. VELLINGA

08:10 - 08:20

PROFILES OF EIGHT-YEAR TRAJECTORIES OF DIET-RELATED ENVIRONMENTAL PRESSURES

E. PERRAUD

08:20 - 08:30

SUSTAINABLE DIMENSIONS OF DIETS WITH VARYING LEVELS OF FOOD BIODIVERSITY IN A LARGE COHORT STUDY

J. BERLIVET

08:30 - 08:40

DO FOODS DISPLAYING SUSTAINABILITY LABELS ACTUALLY HAVE A LOWER ENVIRONMENTAL IMPACT? PREVALENCE AND ACCURACY OF SUSTAINABILITY LABELLING ON PACKAGED FOOD

A. JONES

08:40 - 08:50

SPATIAL HETEROGENEITIES AND DIFFERENTIAL IMPACT OF CLIMATE CHANGE ON CHILD HEALTH AND NUTRITION IN INDIA: AN AGROECOLOGICAL APPROACH

S. NIHAL

08:50 - 09:00

**MICROALGAE AS MORE SUSTAINABLE AND AFFORDABLE MICRONUTRIENT-RICH SOURCES
FOR HUMAN NUTRITION AND HEALTH**

F. GAO

09:00 - 09:10

**ORGANIC VERSUS CONVENTIONAL CONSUMPTION OF FRUIT AND VEGETABLES IN
RELATION TO CANCER RISK: FINDINGS FROM A LARGE COHORT STUDY**

J. BERLIVET

09:10 - 09:20

**STRENGTHENING RESILIENCE FOR FOOD SECURITY AND NUTRITION DURING COVID-19
THROUGH ENHANCED HOMESTEAD FOOD PRODUCTION**

A. UDDIN

09:20 - 09:30

**DEMAND-SIDE FOOD POLICY STRATEGIES: THE EFFECT ON ENVIRONMENTAL
SUSTAINABILITY, AND PROTEIN INTAKE IN ELEVEN EUROPEAN COUNTRIES**

R. VELLINGA

09:30 - 09:40

**DOSE-RESPONSE RELATIONSHIPS FOR ESTIMATING HEALTH IMPACTS OF DIETARY RISK
FACTORS – AN UPDATE AND EVIDENCE SELECTION FROM THE NORDIC NUTRITION
RECOMMENDATIONS 2023**

A.E.. JACOB

Friday August 29th

09:30 - 09:45

BREAK

Exhibition Hall



Friday August 29th

09:45 - 11:15

ADVANCED PRACTICE IN DIETETICS – INTERNATIONAL PERSPECTIVES AND IMPLICATIONS FOR PATIENT CARE

SY159

SCIENTIFIC SYMPOSIUM

Room 342A



DESCRIPTION

This symposium is **proposed and organized by the French Association of Nutritionist Dietitians (AFDN)**, the national professional body representing registered dietitians in France and actively engaged in promoting the advancement of dietetic practice through research, education, and international collaboration.

This symposium will address the growing field of **advanced practice in dietetics**, a major development in the profession that reflects broader shifts in healthcare systems toward more autonomous, specialized, and evidence-informed roles for allied health professionals.

Advanced practice in dietetics involves an expanded scope of practice that includes clinical leadership, autonomous decision-making, research, education, and a high level of expertise in complex patient care. These roles have the potential to transform care pathways, improve patient outcomes, and strengthen the strategic positioning of dietitians within multidisciplinary teams.

Two international perspectives will be presented:

- **Aurélien Clerc**, MSc, RD, Lecturer at HES-SO Geneva and PhD Candidate at the University of Fribourg, will present the **Swiss experience**, detailing how advanced practice is being structured and implemented in academic and clinical settings. - **Ella Terblanche MBE, MSc, PGDip BSc, RD**, Postgraduate Research Student at Bournemouth University, will provide insight into the **UK model**, where advanced practice roles in dietetics are more established. She will discuss professional development pathways, regulatory frameworks, and the impact of these roles on patient outcomes and service delivery.

Together, these contributions will offer a comparative and forward-looking view on the development of advanced dietetic practice, highlighting the opportunities and challenges it presents for professionals, patients, and health systems alike.

LISTE DES INTERVENANTS

MANAGER

G. GRODARD-HUMBERT

CHAIR(S)

Friday August 29th

09:45 - 11:15

SOAP 50 - CLIMATE CHANGE, SUSTAINABILITY AND NUTRITION

SOAP50

SHORT ORAL ABSTRACT PRESENTATION

Agora 1



09:45 - 09:50

**RESILIENCE EFFORTS FOR SUSTAINABLE HEALTH: DEFINING AND CONTEXTUALIZING
COMMUNITY NUTRITION RESILIENCE**

A. DR. FELIX

09:50 - 09:55

**SUSTAINABLE DIET PATTERNS: A COMPARATIVE BETWEEN VEGAN, VEGETARIAN, PRO-
VEGETARIAN AND OMNIVOROUS DIET**

E. CASAS-ALBERTOS

09:55 - 10:00

**ASSOCIATIONS BETWEEN MONTHLY HYDROCLIMATIC INDICATORS AND NUTRITIONAL/
HEALTH OUTCOMES IN CHILDREN UNDER-5 YEARS OLD IN SOUTHERN MADAGASCAR:
RESULTS OF HYDRONUT PROJECT**

L. NGABIRANO

10:00 - 10:05

**ENHANCING NUTRITION AND SUSTAINABILITY THROUGH HUMAN-CENTERED CACTUS-
BASED CULINARY INNOVATIONS IN SYRIA**

O. HAMMOUDI

10:05 - 10:10

**HIGH PREVALENCE OF FOOD INSECURITY IN PERI URBAN COMMUNITIES IN KARACHI,
PAKISTAN: THE FLOOD AFTERMATH**

A. KHALID

10:10 - 10:15

ENHANCING CLIMATE-SMART AND NUTRITION-SENSITIVE AGRICULTURE TO ADDRESS CLIMATE CHANGE IMPACTS ON NUTRITION AMONGST VULNERABLE HOUSEHOLDS

M. ORISHABA

10:15 - 10:20

CONSUMPTION OF MILK, MEAT, EGG AND FISH IN THE NORWEGIAN DIET HAS CHANGED CONSIDERABLY IN 85 YEARS

K.S. HENRIKSEN

10:20 - 10:25

EVALUATION OF PLATE WASTE IN A MAJOR HOSPITAL IN A LOW-AND MIDDLE INCOME COUNTRY

L. BOATENG

10:25 - 10:30

ADHERENCE TO THE PROVEGETARIAN FOOD PATTERNS AND ALL-CAUSE MORTALITY IN A MEDITERRANEAN MIDDLE-AGED POPULATION

M. BES-RASTROLLO

10:30 - 10:35

SYSTEMATIC REVIEW OF PUBLIC FOOD PROCUREMENT POLICIES IN EUROPE TO ADDRESS CLIMATE, FOOD AND HEALTH OUTCOMES

S. PASTORINO

10:35 - 10:40

RESPONSE OF SMALLHOLDER FISHERFOLKS ON THE GHANA VOLTA TO CLIMATE VULNERABILITIES AND THE EFFECT ON LIVELIHOODS AND FOOD SECURITY

F. AGBOZO

10:40 - 10:45

KEEPING BREAD FLOUR NUTRITIOUS: A FOOD SYSTEMS PERSPECTIVE ON THE UK WHEAT AGRI-FOOD SYSTEM

A. ESPINO

10:45 - 10:50

EMPOWERING WOMEN AND YOUTH FOR CLIMATE-RESILIENT NUTRITION: A RWANDAN PERSPECTIVE

J. NIYOMUKIZA

10:50 - 10:55

DIETARY PATTERNS CONSUMED BY YOUNG ADULTS AND ITS IMPACT ON CLIMATE CHANGE IN UDUPI, KARNATAKA

A.P. KUMARESAN

10:55 - 11:00

PROMOTING ENVIRONMENTAL HEALTH AND COMMUNITY NUTRITION EQUITY THROUGH INDIGENOUS KNOWLEDGE IN AFRICA

A. ROSEMARY ANDERSON

Friday August 29th

09:45 - 11:15

SOAP 51 - FOOD SCIENCE, GASTRONOMY AND LIFE QUALITY

SOAP51

SHORT ORAL ABSTRACT PRESENTATION

Agora 2



09:45 - 09:50

SCALING UP THE STANDARDIZED PRODUCTION OF A FUNCTIONAL FOOD INGREDIENT FOR TARGETING GESTATIONAL DIABETES MELLITUS (GDM) BASED ON QUINOA PEPTIDES

A. GONZALEZ

09:50 - 09:55

IN VITRO DIGESTION OF POLYPHENOL-RICH FOODS: EFFECTS ON HYDROXYMETHYLFURFURAL (HMF) LEVELS

E. OĞUZ

09:55 - 10:00

THE MEDITERRANEAN DIET: ASSESSING KNOWLEDGE AND PERCEPTIONS AMONG STAKEHOLDERS AND YOUNG ADULTS

B. CARMO

10:00 - 10:05

NUTRA-COCO: CONSUMER PERCEPTIONS AND BEHAVIORS TOWARD MATURE COCONUT WATER AS A HEALTHFUL BEVERAGE

M.B. LUNA

10:05 - 10:10

COMPARISON OF DAIRY AND PLANT-BASED LIQUIDS FOR ENHANCING LUTEIN ABSORPTION IN HUMANS: A CROSSOVER INTERVENTION STUDY

R.W.S.. CHUNG

10:10 - 10:15

**PHYSICOCHEMICAL, SENSORY CHARACTERIZATION AND TECHNOLOGICAL CONSTRAINTS
OF FONIO CULTIVARS**

P. BABADOUDOU

10:15 - 10:20

CAMEL MILK: COMPOSITION AND USEFULNESS AS ADJUVANT TO TREAT TYPE 2 DIABETES

A. SBOUI

10:20 - 10:25

**FISH OIL MITIGATES GLYCOLIPID METABOLISM DISORDERS INDUCED BY CHRONIC POTATO
CHIP CONSUMPTION VIA THE GUT-LIVER AXIS**

X. WAN

10:25 - 10:30

**FOOD CONSUMPTION PATTERNS IN CRITICAL SITUATIONS: THE CASE OF COVID-19 IN
ROMANIA**

S. STANCIU

10:30 - 10:35

**TOFU TYPE "VEGETABLE MEAT" FROM LOCAL LEGUMES AS VALUABLE SOURCES OF
PROTEINS AND MICRONUTRIENTS FOR SCHOOL CANTEENS**

L. ZOUE

10:35 - 10:40

**CRACKING THE CODE OF AIR-FRIED POTATO CHIPS: THE EFFECT OF FISH OIL TREATMENT
ON ADVANCING SAFETY, NUTRITION, AND FLAVOR ATTRIBUTES BY FOODOMICS-BASED
PROFILING**

Y. ZHANG

10:40 - 10:45

**DEVELOPMENT, NUTRIENT COMPOSITION AND ACCEPTABILITY OF TAMARILLO HONEY JAM
AMONG PRESCHOOLERS AND ADULTS IN KENYA**

A.A. MUSOTSI

10:45 - 10:50

**DEVELOPMENT OF MICROBIOTA-DIRECTED FINGER MILLET (MDFM) PRODUCT FOR
UNDERNOURISHED PRESCHOOL CHILDREN**

J. DEVRAJ

10:50 - 10:55

**EVALUATION OF GLYCEMIC INDEX OF SOME CAMEROONIAN LOCAL MEALS: A
CONTRIBUTION TO THE MANAGEMENT OF METABOLIC SYNDROME**

C.F. NYANGONO BIYEGUE

Friday August 29th

09:45 - 11:15

SOAP 52 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

SOAP52

SHORT ORAL ABSTRACT PRESENTATION

Agora 3



09:45 - 09:50

LONG-TERM EFFECTS OF MULTIPLE MICRONUTRIENT SUPPLEMENTATION DURING PREGNANCY, LACTATION, AND EARLY CHILDHOOD ON COGNITIVE DEVELOPMENT: SYSTEMATIC REVIEW

C. LACHAT

09:50 - 09:55

MALNUTRITION INDICATORS AND NUTRITIONAL FACTORS INFLUENCING FRAILTY IN MALAYSIAN OLDER ADULTS

N.F. MALEK RIVAN

09:55 - 10:00

THE EFFECT OF HEALTHY DIETARY INTERVENTIONS ON PHYSICAL ACTIVITY, SCREEN TIME, AND SLEEP IN ADULTS WITH OVERWEIGHT OR OBESITY

G. MASIP

10:00 - 10:05

SUSTAINABILITY OF VITAMIN A SUPPLEMENTATION (VAS) PROGRAM ACROSS THREE STATES IN INDIA: ADVOCACY TO POLICY AND SUSTAINED PUBLIC HEALTH ACTION

N. KATHURIA

10:05 - 10:10

DIETARY BEHAVIOUR OF PREGNANT WOMEN IN ETHIOPIA: THE MISSING ASPECT OF CARE

B. STADLMAYR

10:10 - 10:15

RISK FACTORS ASSOCIATED WITH UNDERNUTRITION AMONG 6- TO 23-MONTH-OLD RURAL INFANTS AND YOUNG CHILDREN IN A DISTRICT OF HELA PROVINCE IN PAPUA NEW GUINEA: A CROSS-SECTIONAL STUDY

G. GULDAN

10:15 - 10:20

PRENATAL MATERNAL DEPRESSION SYMPTOMS AND DIETARY INTAKE – A POPULATION BASED STUDY IN RURAL PAKISTAN

R. KHAN

10:20 - 10:25

SCALING UP ANTENATAL MULTIPLE MICRONUTRIENT SUPPLEMENTATION (MMS) IN AFRICA: A POSITION PAPER

E. TSHIAMA MUKENDI

10:25 - 10:30

EATING BREAKFAST DURING ADOLESCENCE HAS A POSITIVE IMPACT ON BODY MASS INDEX IN ADULTHOOD

L. BEGHIN

10:30 - 10:35

DETERMINANTS OF MALNUTRITION IN MALAWI: AN ETHNOGRAPHIC STUDY

L. PHINDILE

10:35 - 10:40

TRENDS IN FOOD CONSUMPTION IN INDIA: INSIGHTS FROM HOUSEHOLD CONSUMPTION EXPENDITURE SURVEYS (HCES)

N. SAREEN

10:40 - 10:45

INTEGRATED APPROACHES TO PREVENT MALNUTRITION UNDER FIVE YEAR CHILDREN IN LOW- AND MIDDLE-INCOME COUNTRIES

S. BAKHTAWAR

10:45 - 10:50

NUTRIENT ADEQUACY RATIO (NAR) AND MEAN ADEQUACY RATIO (MAR) OF ESSENTIAL AMINO ACID INTAKE OF STUNTED AND NORMAL CHILDREN

N. WIRAWAN,

Friday August 29th

11:30 - 13:00

CLOSING CEREMONY

C3

CEREMONY

Grand Amphitheatre



LISTE DES INTERVENANTS

SPEAKER(S)

P. CHRISTIAN

11:30 - 11:45

POSTER AWARDS

11:45 - 12:15

MAC COLLUM AWARD

P. CHRISTIAN

12:15 - 12:45

SCHOLARSHIPS

Monday August 25th

08:00 - 09:30

THE MEDITERRANEAN DIET - THREE DECADES OF COMPELLING EVIDENCE

SY002

SCIENTIFIC SYMPOSIUM

Amphitheatre Bleu



DESCRIPTION

"The Mediterranean Diet: Three Decades of Compelling Evidence" will provide an update of the best available evidence on this dietary pattern and the risk of chronic disease, including also future directions and the current status of on-going large trials, which are yet unpublished. To describe the main findings during the last 30 years and the major on-going initiatives to study the role of the traditional Mediterranean diet on the risk of chronic diseases. The Mediterranean Diet Pyramid was officially published in American Journal of Clinical Nutrition in 1995. The past three decades have seen significant advances in the accrual of solid scientific evidence leading to a deep understanding of the role of the Mediterranean diet (MedDiet) in reducing the risk of chronic diseases. A robust body of epidemiologic, mechanistic and large randomized controlled trial evidence has accumulated to strongly support the benefits of the MedDiet for the prevention of chronic diseases, particularly cardiometabolic diseases with a huge potential impact on public health. The MedDiet has been extensively studied for its positive impact on the metabolome and the gut microbiome, providing novel insights into biological mechanisms underlying its health benefits, advancing precision nutrition research and public health practice.

LISTE DES INTERVENANTS

MANAGER

M.A.. MARTINEZ-GONZALEZ

SPEAKER(S)

M.A.. MARTINEZ-GONZALEZ

F. VISIOLI

A. ROMANOS-NANCLARES

CHAIR(S)

J. DELARUE

M.A.. MARTINEZ-GONZALEZ

09:00 - 09:30

TBC

Monday August 25th

08:00 - 09:30

CONTROVERSIES ON FOOD SENSITIVITY, INTOLERANCE, ALLERGY. ARE ALL THE SAME?

SY006

SCIENTIFIC SYMPOSIUM

Room 242B



DESCRIPTION

General presentation*

□

Many authors have defined food sensitivity as a reaction of the immune system to certain proteins in food (antigens) through the production of IgG antibodies, to differentiate it from IgE-mediated food allergies and non-immune-mediated food intolerances. However, there are controversial visions about this terminology and both clinicians and patients demand correct diagnosis to achieve correct treatments.

o Objectives*

□

The main objective is to clarify and discuss about the definitions and diagnosis of food sensitivity, intolerance and allergy to establish correct therapists.

o Background*

Confidential

□

- In the field of digestive health and nutrition, although the usefulness of this type of test has been a matter of debate, renewed attention has been generated in recent years by numerous scientific papers that have reported its application in the management of certain disorders or diseases. As a result, food sensitivity testing is increasingly supported by scientific publications that support its usefulness, especially in certain clinical contexts.

LISTE DES INTERVENANTS

MANAGER

A. MARCOS SÁNCHEZ

CHAIR(S)

A. MARCOS SÁNCHEZ

08:00 - 08:30

DIFFERENCES AMONG FOOD SENSITIVITY, INTOLERANCE AND ALLERGY

A. MARCOS SÁNCHEZ

08:30 - 09:00

PUFAS AND EMERGENCE OF ALLERGY AND ASTHMA IN EARLY LIFE

P. CALDER

09:00 - 09:30

UNPACKING FOOD REACTIONS: NAVIGATING DIETARY CHALLENGES TO THERAPEUTIC SOLUTIONS

D. RISTIC-MEDIC

Monday August 25th

08:00 - 09:30

SQ-LNS FOR THE PREVENTION OF CHILD UNDERNUTRITION- ADVANCES IN RESEARCH AND INNOVATIONS IN PROGRAMMING

SY004

SCIENTIFIC SYMPOSIUM

Room 241



DESCRIPTION

This 90-minute scientific symposium will be facilitated by the SQ-LNS Task Force. It will highlight findings from new research and will also share programmatic experience regarding the integration of SQ-LNS into different child health and nutrition programs. In terms of format, the Chair will open the session and introduce the speakers; four 15-minute presentations will follow; approximately 20 minutes will be dedicated to Q&A; and the Chair will deliver concluding remarks. Share findings from a long-term follow-up of a trial cohort in Ghana regarding effects of SQ-LNS in early life on brain structure and function, pubertal and growth outcomes during adolescence. Share results of pooled analyses examining sustained effects of SQ-LNS in early life on growth and developmental outcomes at preschool age, including a comparison of combined maternal and child SQ-LNS vs. child SQ-LNS alone in Bangladesh. Highlight operational learning from the NutriVax trial in Nigeria, which is evaluating whether the provision of SQ-LNS improves coverage of the measles vaccine. Review initial lessons learned from the process of scaling-up the provision of SQ-LNS for the prevention of child undernutrition in Nigeria. Small-quantity lipid-based nutrient supplements (SQ-LNS) are designed to prevent undernutrition among young children in settings where vulnerable populations are likely to have nutrient gaps in their diets. Recent meta-analyses found that provision of SQ-LNS was associated with a 27% reduction in mortality, 31% reduction in severe wasting, 17% reduction in severe stunting, 64% reduction in iron deficiency anemia, and 16-19% reduction in developmental delays. The SQ-LNS Task Force was formed to catalyze efforts to scale-up SQ-LNS for the prevention of undernutrition among children 6-23 months of age in nutritionally vulnerable settings. SQ-LNS is now being delivered via various child health and nutrition programs in several countries. This symposium will highlight findings from new research that has evaluated the effects of SQ-LNS on long-term outcomes, and the effects of combined maternal and child SQ-LNS vs. child SQ-LNS alone on preschool outcomes. The session will also include operational learning from the NutriVax trial, which integrates SQ-LNS provision with the measles vaccine, and highlight lessons learned from the scale-up of SQ-LNS for the prevention of child undernutrition in Nigeria.

LISTE DES INTERVENANTS

MANAGER

C. CAMPIAN

CHAIR(S)

C. CAMPIAN

C. MCDONALD

08:00 - 08:18

TBC

K. PHELAN

08:18 - 08:36

TBC

K. DEWEY

08:36 - 08:54

TBC

N. HAJEEBHOY

08:54 - 09:12

TBC

S. ADU-AFARWUAH

09:12 - 09:30

TBC

C. CAMPIAN

Monday August 25th

08:00 - 09:30

GRAIN PROCESSING FOR HEALTH

SY009

SCIENTIFIC SYMPOSIUM

Room 252A



DESCRIPTION

Grain processing plays a crucial role in determining the functionality, nutritional quality, and health impact of cereal-based foods. While it enhances digestibility of some nutrients, shelf-life, and improve sensory properties, it also raises concerns about nutrient loss and structural modifications. This symposium will explore how different processing techniques can be leveraged to improve nutritional quality of grains and related health outcomes. The session will highlight how fermentation can enhance the bioavailability of nutrients and beneficial compounds in grains, offering promising pathways for functional foods. Additionally, the role of processing in designing healthier cereal-based products without compromising taste and consumer acceptance will be discussed. Topics will include the balance between processing intensity and nutritional quality, the role of industry in promoting healthier products, and the evolving perception of (ultra)processed foods. A key focus will be on bridging the gap between food science and nutrition to ensure that processing strategies align with dietary recommendations and consumer health. Attendees will gain insights into advancing grain processing for healthier, and sustainable food systems. Speakers: Prof. Nicoletta Pellegrini The "gap" between food technologists and nutritionists Prof. Christophe Courtin Food fermentation for health Prof. Ciaran Forde Healthy processed food By fostering interdisciplinary dialogue, this session aims to provide new insights into how processing can support health while maintaining food safety, affordability, and consumer accessibility of products. Grain processing plays a crucial role in determining the functionality, nutritional quality, and health impact of cereal-based foods. While it enhances digestibility of some nutrients, shelf-life, and improve sensory properties, it also raises concerns about nutrient loss and structural modifications. This symposium will explore how different processing techniques can be leveraged to improve nutritional quality of grains and related health outcomes.

LISTE DES INTERVENANTS

CHAIR(S)

J. DE VRIES

A. MEYNIER

08:00 - 08:30

FOOD FERMENTATION FOR HEALTH

C. COURTIN

08:30 - 09:00

HEALTHY PROCESSED FOOD

C. FORDE

09:00 - 09:30

THE "GAP" BETWEEN FOOD TECHNOLOGISTS AND NUTRITIONISTS

N. PELLEGRINI

Monday August 25th

08:00 - 09:30

**JOINT SYMPOSIUM BY SFN AND THE NUTRITION SOCIETY (PART 1)
- THE EVOLVING STORY OF OBESITY AND GENETICS**

SY010

SCIENTIFIC SYMPOSIUM

Room 252B



DESCRIPTION

Joint Symposium by SFN and The Nutrition Society ymposium will cover: Genetics of obesity overview (where do we stand now?); What can genetics teach us about eating behaviour; Epigenetics This is part of three symposium collection - the other two will be hosted by The Nutrition Society

08:00 - 08:30

TBC

S. FAROOQI

08:30 - 09:00

TBC

R. BARRES

Monday August 25th

08:00 - 09:30

EMERGING TRENDS IN NUTRITION AND FOOD RESEARCH IN JAPAN FOLLOWING THE 22ND IUNS-INTERNATIONAL CONGRESS OF NUTRITION (ICN) IN TOKYO

SY011

SCIENTIFIC SYMPOSIUM

Room 253



DESCRIPTION

1) Recent achievements and future perspectives of nutritional science in Japan. 2) Health beneficial functions of green tea and black soybean. 3) Japan's challenge to promote a healthy diet and sustainable food environment. 4) Developing new international standard for disaster/emergency food and expansion to space nutrition. 5) Commitments declared by the Federation of Japanese Nutrition Societies (FJNS) at the Tokyo Nutrition for Growth (N4G) Summit 2021 and their implementation status. Leading researchers will present new trends in nutrition research and their social implementation that support the longevity and resilience of the Japanese people. These efforts can lead to suggestions for solving nutritional challenges in other countries. 1) Prof. Kato's presentation: Topics in nutritional science in Japan after the 22nd IUNS-ICN (Tokyo) will be presented, which includes the publication of Dietary Reference Intakes for Japanese (2025) and the activities of FJNS. Also, new trends such as some attempts toward the implementation of precision nutrition will be introduced. 2) Prof. Ashida's presentation: Green tea and black soybean are Japanese traditional foods and functional foods. Here, we will show the anti-hyperglycemic effect of green tea and improvement of vascular function by black soybean. 3) Prof. Takemi's presentation: The greatest nutritional challenge for Japanese, as in the most of Asian countries, is excessive salt intake. To address this problem, it is necessary to promote the creation of a dietary environment in which everyone can naturally reduce salt intake. Two good initiatives will be presented. The Ministry of Health, Labor and Welfare (MHLW) has taken the leadership to launch a new organization in 2021, which is a collaboration of industry, government, and academia. In addition, a system for certifying suppliers of healthy food services and boxed lunches is being steadily developed in collaboration with 12 academic societies. 4) Dr. Tsuboyama's presentation: To solve food and nutritional problems after disaster, certification systems for disaster food have been established in Japan. Now, the international standard of emergency food is underway, with space food as one of the possible use cases. 5) Prof. Nakagawa's presentation: FJNS is an academic group of 16 societies related to nutrition in Japan and declared two major commitments at the Tokyo N4G Summit 2021. The first is "to organize the vast amount of research results on solutions to Japan's nutrition challenges that have been conducted by various academic societies and demonstrate the effectiveness of the Japanese diet," and the second is "to develop human resources who can link research to practice to improve nutrition based on that evidence and contribute to solving the world's nutrition challenges". Currently, work is underway to organize the research results and to develop human resources. This symposium was organized by the Japan Society of Nutrition and Food Science, the Japanese Society of Nutrition and Dietetics, and FJNS.

LISTE DES INTERVENANTS

MANAGER

T. SUGAWARA

CHAIR(S)

H. KATO

08:00 - 08:12

TOPICS IN NUTRITIONAL SCIENCE IN JAPAN AFTER THE 22ND IUNS-ICN (TOKYO)

H. KATO

08:12 - 08:24

GREEN TEA AND BLACK SOYBEAN ARE JAPANESE TRADITIONAL FOODS AND FUNCTIONAL FOODS. HERE, WE WILL SHOW THE ANTI-HYPERGLYCEMIC EFFECT OF GREEN TEA AND IMPROVEMENT OF VASCULAR FUNCTION BY BLACK SOYBEAN

H. ASHIDA

08:24 - 08:36

THE GREATEST NUTRITIONAL CHALLENGE FOR JAPANESE, AS IN THE MOST OF ASIAN COUNTRIES, IS EXCESSIVE SALT INTAKE

Y. TAKEMI

08:36 - 08:48

TO SOLVE FOOD AND NUTRITIONAL PROBLEMS AFTER DISASTER

N. TSUBOYAMA-KASAOKA

08:48 - 09:00

FJNS IS AN ACADEMIC GROUP OF 16 SOCIETIES RELATED TO NUTRITION IN JAPAN AND DECLARED TWO MAJOR COMMITMENTS AT THE TOKYO N4G SUMMIT 2021

N. KIYOTAKA

09:00 - 09:12

TBC

H. TAKIMOTO

09:12 - 09:24

TBC

S.C. YANG

Monday August 25th

08:00 - 09:30

UNDERSTANDING YOUNG ADULTS' PERCEPTIONS OF SUSTAINABLE HEALTHY EATING ACROSS FIVE COUNTRIES

SY014

SCIENTIFIC SYMPOSIUM

Room 342B



DESCRIPTION

In this session, researchers from five countries (Italy, Indonesia, Mexico, Canada, and Japan) will share results from their international collaboration to examine how young adults across these five countries perceive and understand sustainable healthy eating. Presentations will also highlight the key barriers to eating sustainably and what strategies could support young adults to eat more sustainably across these five country contexts. By the end of this session, participants will be able to: Describe young adults' perceptions and understanding of sustainable eating across 5 countries - Italy, Indonesia, Mexico, Canada, and Japan. Identify key barriers to sustainable eating across these 5 country contexts. Identify potential strategies at the policy, community, interpersonal, and individual levels that could support sustainable eating in high- and middle-income contexts. Current diets across much of the world are of low nutritional quality and include many foods produced using unsustainable practices. To preserve both environmental and human health, we need to identify effective public health strategies that support individuals to eat healthy and environmentally sustainable diets. Definitions of sustainable diets are complex and involve various aspects of sustainability including health, culture, economic, social justice, and environment. Previous research examining perceptions of sustainable diets suggests that there is confusion among adults about what behaviours lead to sustainable eating and diverse views about the impact sustainable diets have on the environment. Understanding how individuals interpret the term 'sustainable diet' and the behaviours that support environmental sustainability can help to inform health messaging, interventions, and policy approaches to support the adoption of sustainable diet patterns. In addition, understanding how these perceptions of sustainable diets differ across various high- and middle-income countries can help to identify contextual differences that should be considered in developing behaviour change approaches.

LISTE DES INTERVENANTS

MANAGER

J. HAINES

CHAIR(S)

J. HAINES

08:00 - 08:15

TBC

F. HAYASHI

08:15 - 08:30

TBC

K. ECKERT

08:30 - 08:45

TBC

L. PRINCIPATO

08:45 - 09:00

TBC

N. TORRES

09:00 - 09:15

TBC

S. HELMYATI

Monday August 25th

08:00 - 09:30

THE POWER OF NUTRITION IN BRIDGING SCIENCE AND POLICY FOR SUSTAINABLE FOOD SYSTEMS TRANSFORMATION

SY001

SCIENTIFIC SYMPOSIUM

Grand Amphitheatre



DESCRIPTION

The transformation of food systems to achieve sustainability and equity requires placing nutrition at the core of decision-making processes across multiple sectors and disciplines. As stated in the latest FAO Report “The State of Food Security and Nutrition”, approximately 733 million people worldwide faced hunger, representing about 9% of the global population. Additionally, 2.3 billion people experienced moderate or severe food insecurity, highlighting significant challenges in accessing sustainable diets. The prevalence of obesity and noncommunicable diseases, including cardiovascular conditions, type 2 diabetes, and certain cancers, along with global challenges such as climate change, biodiversity loss, water scarcity, highlights the urgent need for systemic, coordinated policies and interventions that leverage data, knowledge, and governance to implement effective solutions. This symposium highlights how nutrition serves as a vital engine for science-based policy development to address global systemic challenges. Drawing on the mandate of the UN Food Systems Coordination Hub and its Scientific Advisory Committee (SAC), the session showcases actionable strategies and innovative frameworks to accelerate food systems transformation, following on from UN Food Systems Summit 2025. The discussion will focus on examples from country processes, and ‘special groups’, e.g., Small Island Developing States (SIDS) to highlight how localized solutions, with nutrition as a central feature, can address multiple global challenges, bridging evidence and practice to achieve sustainable, equitable outcomes. Highlight the role of nutrition as a critical driver for science-policy convergence in food systems transformations aligned with the overall aim of transforming food systems globally. Share evidence and case studies, including a focused example on SIDS, to demonstrate how localized solutions address systemic food system challenges. Explore the UN Food Systems Coordination Hub framework to illustrate the interconnectedness of nutrition, health, agriculture, and environmental sustainability in country-driven policy processes. Provide actionable recommendations for researchers, policymakers, and stakeholders to strengthen the integration of nutrition into food systems policy and governance. The UNFSS+2 follow-up process underscores the need to accelerate food systems transformations to achieve the SDGs by 2030. Central to these efforts is the integration of nutrition into science-policy frameworks to address interconnected challenges such as malnutrition, climate change, food production, and environmental degradation.

LISTE DES INTERVENANTS

MANAGER

L. NESBITT

SPEAKER(S)

B. BURLINGAME

L. NESBITT

CHAIR(S)

B. BURLINGAME

L. NESBITT

08:00 - 08:30

TBC

B. BURLINGAME

08:30 - 09:00

TBC

L. NESBITT

Monday August 25th

08:00 - 09:30

VEGANSCREENER - WEB-BASED DIET QUALITY ASSESSMENT FOR PLANT-BASED DIETS

SY007

SCIENTIFIC SYMPOSIUM

Room 243



DESCRIPTION

In this symposium you will be introduced to the VEGANScreener project aimed at assessing vegan diet quality. A key focus will be the presentation of our newly developed and validated screening tool, designed specifically to capture the nutritional adequacy of vegan diets in a reliable and efficient manner. We will share key findings from our validation study, including data on the validity and reliability of the tool but also investigations into associations between nutritional status and health outcomes in European vegans compared to omnivores, offering insights into diet-related health patterns. In the final section of the symposium, the VEGANScreener consortium members will be available for an interactive discussion. This will be an opportunity to ask questions about the tool, its potential applications, as well as the broader implications of our study.

LISTE DES INTERVENANTS

CHAIR(S)

S. DE HENAUW

E. SCHERNHAMMER

08:00 - 08:15

INTRODUCTION TO THE VEGANSCREENER STUDY

S. DE HENAUW

08:15 - 08:27

PERFORMANCE OF THE VEGANSCREENER IN CAPTURING NUTRIENT INTAKES, FOOD GROUP AND ULTRAPROCESSED FOOD CONSUMPTION, AND DIET QUALITY: VALIDATION AGAINST DIETARY RECORDS AND SELECTED DIETARY BIOMARKERS

S. KRONSTEINER GICEVIC

08:27 - 08:39

EVALUATING THE VEGANSCREENER: DIET PATTERNS, NUTRITIONAL STATUS, LIFESTYLE SCORE, AND METABOLIC HEALTH IN VEGANS

E. DIEGUEZ CASTILLO

08:39 - 08:51

WELLBEING AND FLOURISHING IN VEGANS

M. BES-RASTROLLO

08:51 - 09:03

CHOLINE INTAKE IN VEGANS AND OMNIVORES: ASSOCIATIONS WITH WELLBEING AND DEPRESSIVE SYMPTOMS

L. BOGL

09:03 - 09:15

OMEGA-3 FATTY ACID INTAKE AND STATUS IN RELATION TO WELLBEING AND SLEEP IN VEGANS AND OMNIVORES

I. HERTER-AEBERLI

09:15 - 09:30

DISCUSSION

Monday August 25th

08:00 - 09:30

UPDATE ON GUIDELINES AND POSITION STATEMENTS OF THE GERMAN NUTRITION SOCIETY

SY008

SCIENTIFIC SYMPOSIUM

Room 251



DESCRIPTION

In 2024, the German Nutrition Society published several new recommendations with the overall aim to enhance a more plant-based diet in Germany. First, the German Nutrition Society published their new food-based dietary guidelines (FBDG) "Eat and Drink Well" as well as the revised Nutrition Circle. Here, the new FBDG will be presented and discussed (Presentation Title: Sustainable food-based dietary guidelines for Germany; Speaker: Anne Carolin Schäfer). Second, the German Nutrition Society developed a guideline on protein intake. This will be presented and discussed (Presentation Title: The new evidence-based protein intake guideline from the German Nutrition Society; Speaker: Prof. Anja Kroke (requested)). Finally, the update of the DGE position statement on vegan diet will be presented (Presentation Title: The new position statement of the German Nutrition Society on vegan diet; Speaker: Alessa Klug). To present updates on guidelines, recommendations and position statements of the German Nutrition Society. The new FBDG of the German Nutrition Society apply to healthy adults and consider environmental aspects along with nutrient intake and diet-health relations. The new FBDG focus on fundamental qualitative messages addressing major food groups recommending a plant-based diet. The German Nutrition Society aims to synthesize scientific knowledge on nutrition and health-related outcomes for evidence-based conclusions. A guideline on protein intake (quantity and quality) was developed through systematic literature review, a critical review of the literature and an assessment of the strength of the evidence according to the World Health Organisation's evaluation scheme. The German Nutrition Society is continuously working on scientific position statements, e. g. the position statement on vegan diet which was published in 2024.

LISTE DES INTERVENANTS

MANAGER

J. CONRAD

CHAIR(S)

B. WATZL

08:00 - 08:30

SUSTAINABLE FOOD-BASED DIETARY GUIDELINES FOR GERMANY

08:30 - 09:00

THE NEW EVIDENCE-BASED PROTEIN INTAKE GUIDELINE FROM THE GERMAN NUTRITION SOCIETY

A. KROKE

09:00 - 09:30

THE NEW POSITION STATEMENT OF THE GERMAN NUTRITION SOCIETY ON VEGAN DIET

A. KLUG

Monday August 25th

08:00 - 09:30

LESSONS LEARNED AND STRATEGIES FOR MEANINGFUL YOUTH ENGAGEMENT TO ADDRESS CLIMATE CHANGE AND DISPARITIES IN MULTISECTORAL NUTRITION PROGRAMMING THROUGH A PLANETARY HEALTH LENS

SY012

SCIENTIFIC SYMPOSIUM

Room 341



DESCRIPTION

Integrating nutrition and climate change initiatives through a planetary health perspective has demonstrated sustainable improvements in human and environmental health. Youth leaders have been active in urging for accelerated climate action from their country governments, emphasizing the need to meaningfully integrate their voices as a foundational pillar of the planetary health agenda. Globally, as a community as we close in on the 2030 Sustainable Development Goals (SDGs), we remain off track to end malnutrition due to limited access to affordable, healthy and nutritious diets—driven by ineffective food systems and climate change. Fostering meaningful youth engagement in nutrition and health initiatives is essential in accelerating SDGs 2, 3, and 13 on hunger, good health and climate action. For example, aligning with the African Union's (AU) goals on nutrition and youth engagement has been pivotal in the collective call to action to reduce inequalities, foster youth empowerment and facilitate young people's participation in the design and implementation of national development initiatives. The successful elements and prospects of youth engagement will be discussed, drawing on our experiences across the globe, including sub-Saharan Africa. This symposium will discuss innovative strategies and lessons learned for youth engagement and to build capacity for youth as agents of change for a sustainable future, from NGOs, youth-led and youth-serving organizations, and youth initiatives. This symposium explores how elements of meaningful adolescent and youth engagement (MAYE)—youth leadership, inclusivity, engagement and mentorship—amplify their voices and actions in addressing climate change, global health and nutrition disparities. Drawing on country experiences and lessons provided by youth leaders, we highlight practical strategies to address gaps in multisectoral nutrition programming around climate change and food insecurity—through the lens of planetary health. The interlinked challenges of climate change and public health disparities have slowed the progress towards achieving the 2030 SDGs. Young people bear the burden of this crisis as they risk inheriting non-inclusive, and inequitable health and food systems. Despite youth recognizing their role and demonstrating willingness to shape their future, structural and systemic inequities hinder their meaningful involvement beyond tokenism. Utilizing MAYE can break these barriers, amplifying youth's capacity to achieve sustainable, inclusive health solutions. Youth voices, participation and inclusion are needed to achieve progress. This symposium synthesizes insights from program implementation, empirical evidence and youth engagement experiences across Sub-Saharan Africa and globally. This will include lessons on capacity-building, youth-led initiatives and multisectoral collaboration to distill strategies for MAYE on how youth-driven approaches have and can address multisectoral nutrition disparities in programming, climate change impacts, and support planetary nutrition.

LISTE DES INTERVENANTS

MANAGER

J. GAITHUMA

CHAIR(S)

J. GAITHUMA

R. WAITHIRA

Monday August 25th

08:00 - 09:30

DECIPHERING COMPLEXITY- EXPLORING HUMAN DATA FROM FOOD PURCHASES TO METABOLOMICS

SY013

SCIENTIFIC SYMPOSIUM

Room 342A



DESCRIPTION

This symposium proposal has 3 presentations: 1. Mikael Fogelholm, University of Helsinki, Helsinki, Finland: Food purchase data from loyalty cards: Novel method and analyses on crisis resilience and societal impacts 2. Lorraine Brennan, University College, Dublin, Dublin, Ireland: Use of metabolomics in analyzing nutrient intakes and dietary patterns 3. Jonathan Swann, University of Southampton, Southampton, United Kingdom: Using metabolomics to decode the biochemical exchange between the microbiota and host and its impact on health and disease The objective of this symposium proposal is to present novel methods and tools in data science that can be used in nutrition research in the areas such as food consumption patterns, dietary intakes, and in discovering complex mechanisms underlying the role of microbiota on health. Obtaining reliable and precise data on human population is of great importance for nutrition science since these data are often used for nutrition policies, recommendations and dietary guidelines in health and disease. New methods and new technologies could have important role in various areas of nutrition research, especially in the area of dietary assessment. Metabolomics as a method within nutrigenomic technology is also a powerful tool for better understanding various aspects of diet or role of microbiota. Beside the advanced possibilities, it is also important to know the limitations of these new methods.

LISTE DES INTERVENANTS

MANAGER

S. SOBAJIC

CHAIR(S)

K. LAITINEN

S. SOBAJIC

08:00 - 08:30

USING METABOLOMICS TO DECODE THE BIOCHEMICAL EXCHANGE BETWEEN THE MICROBIOTA AND HOST AND ITS IMPACT ON HEALTH AND DISEASE

J. SWANN

08:30 - 09:00

USE OF METABOLOMICS IN ANALYZING NUTRIENT INTAKES AND DIETARY PATTERNS

L. BRENNAN

09:00 - 09:30

**FOOD PURCHASE DATA FROM LOYALTY CARDS: NOVEL METHOD AND ANALYSES ON CRISIS
RESILIENCE AND SOCIETAL IMPACTS**

M. FOGELHOLM

Monday August 25th

11:15 - 12:45

BENEFIT-RISK ASSESSMENT OF EATING BEHAVIOR FROM A GLOBAL HEALTH AND SUSTAINABILITY PERSPECTIVE

SY015

SCIENTIFIC SYMPOSIUM

Grand Amphitheatre



DESCRIPTION

Benefit-risk assessment is of growing interest in the field of food and nutrition. Evaluating and integrating not only risks but also the benefits of food or diet is an asset for risk management, communication, recommendations and public policies. Traditionally benefit-risk assessment integrates knowledge on nutrition, toxicology, microbiology, chemistry and human epidemiology. It is focused either on food safety, i.e. assessing risks and implementing strategies to limit the presence of microbiological or chemical hazards, or on nutritional assessments, i.e. assessing both risks or benefits of a lack or surplus of foods and nutrients. Nevertheless, we now face critical situations: six of the nine planetary boundaries are transgressed, cascading risks and food insecurity become more prevalent. Therefore emerges the need for benefit-risk assessments that include other societal impacts such as environmental, sustainability and economic concerns, in addition to public health effects. In this context, the issues at stake which are very important in the coming years include environmental issues (climate, biodiversity, preservation of natural resources), social issues (including access to healthy food for all, quality of life, landscape, territory), and economic issues (jobs, agricultural income). With the objective to reduce the negative impacts of food systems on global health, several scenarios have been established (TYFA, ADEME, Afterres 2050). Most of them rely on the reduction of animal protein consumption, and subsequent substitution to alternative sources including from plants and vegetables. It raises the question of the benefit-risk assessment of the changes in eating behaviors from a Global Health – including human health – and sustainability perspective. The objectives of the symposium will be to shed lights on the benefit-risk assessment of eating behaviors. Experts on the field from DTU (Denemark), AgroParisTech and INRAE will provide the methodologies, evidence-based rationale, communication and use by end-users such as risk managers, agrofood industries and consumers. Benefit-risk assessment is based on the evaluation of the balance between the benefits related to a situation and the risks. In the field of food, diet and nutrition, benefit-risk assessment have led to the development of different research disciplines related to food safety, nutrition and health. In this sense, it commonly assesses together the negative and positive health effects associated with food intake by integrating chemical and microbiological risk assessment with risk and benefit assessment in food safety and nutrition. Benefit-risk assessment in food safety and nutrition is gaining more and more attention, since also many challenges remain for the future, including better interaction between benefit-risk analysts, end-users (managers, consumers, agrofood industries), and communicators.

LISTE DES INTERVENANTS

CHAIR(S)

L. BRETILLON
J.M. MEMBRE

11:15 - 11:45

TBC

E. KESSE-GUYOT

11:45 - 12:15

**BENEFIT-RISK ASSESSMENT OF EATING BEHAVIOR FROM A GLOBAL HEALTH AND
SUSTAINABILITY PERSPECTIVE**

S. MONTEIRO PIRES

12:15 - 12:45

TBC

F. MARIOTTI

Monday August 25th

11:15 - 12:45

AN UPDATE ON EPA AND DHA OMEGA-3 FATTY ACIDS

SY018

SCIENTIFIC SYMPOSIUM

Room 241



DESCRIPTION

This symposium is designed to provide an update from recognized scientific experts on the research behind EPA and DHA omega-3 fatty acids. With more than 50,000 publications on the topic, it's important to look at the totality of the evidence for a variety of health outcomes but also to explore emerging new research areas. Our speakers will cover the latest research, discuss some of the controversies and provide a solid overview of the state of the science around EPA and DHA omega-3s. The objectives of this session is to provide the audience with an update on the understanding of the effects of EPA/DHA omega-3s, in particular with respect to metabolic and cardiovascular health, as well as the central nervous system. The knowledge on EPA/DHA omega-3s is vast, yet still developing. We aim to present an overview of new developments in the understanding of EPA/DHA omega-3s by bringing together three well-recognized specialists on omega-3 fatty acids in this symposium.

LISTE DES INTERVENANTS

MANAGER

G. BANNENBERG

CHAIR(S)

G. BANNENBERG

11:15 - 11:45

OVERVIEW OF EPA/DHA OMEGA-3 BIOLOGICAL ACTIVITY - THE PAST, PRESENT AND FUTURE"

P. CALDER

11:45 - 12:15

OMEGA-3 FATTY ACIDS; ROLE IN THE REGULATION OF GLUCOSE HOMEOSTASIS AND IMPACT ON DIABETES

C. MAGNAN

12:15 - 12:45

OMEGA-3 FATTY ACIDS FOR NEUROPROTECTION IN SPINAL CORD AND BRAIN INJURY

A. MICHAEL-TITUS

Monday August 25th

11:15 - 12:45

PLANT PROTEIN, FIBRE AND PHYSICAL ACTIVITY SOLUTIONS TO ADDRESS POOR APPETITE AND PREVENT UNDERNUTRITION IN OLDER ADULTS

SY026

SCIENTIFIC SYMPOSIUM

Room 341



DESCRIPTION

General presentation

1. The APPETITE Randomised Controlled Trial (Dorothee Volkert)
2. Acceptability of innovative plant protein fibre products and their effects on usual dietary intake (Clare Corish)
3. Effects of plant protein and fibre supplementation on appetite and nutritional status (Katy Horner)
4. Effects of plant protein and fibre supplementation on metabolic, functional and clinical outcomes (Helen Roche)

Objectives

The objective of the present symposium is to present the APPETITE randomized controlled trial, which examined the effects of innovative plant protein fibre products as part of a personalised optimised diet, the effects of a physical activity programme and the effects of both interventions combined on appetite and other nutritional, functional, metabolic and clinical outcomes in community-dwelling older adults. Project design as well as results of the various outcomes will be presented and discussed.

Background

The APPETITE multi-country trial is part of the European APPETITE project, funded under the Horizon Joint Programming Initiative 'A Healthy Diet for a Healthy Life'. The project's aim is to enhance protein and fibre consumption of communitydwelling older persons and overcome undernutrition through targeted nutrition and physical activity. Although definitions of appetite vary, reduced appetite and food intake occurs even in healthy older adults and manifests alongside reductions in muscle mass. Since intake of protein and dietary fibre is often inadequate in older persons with poor appetite, but both nutrients are essential for healthy ageing, supplementation of these nutrients may be beneficial. Although plant proteins are regarded as less digestible and less anabolic, they are more environmentally sustainable and affordable than animal proteins, are regionally available and generally well accepted by older adults. Further, it has been hypothesised that increasing physical activity may benefit appetite and energy intake, although the evidence base to support this is also limited. Results of the APPETITE trial will increase our understanding about the effects of plant-based proteins and fibre as

part of a personalised diet, alone or in combination with physical activity on various outcomes in community-dwelling older persons.

LISTE DES INTERVENANTS

MANAGER

D. VOLKERT

CHAIR(S)

D. VOLKERT

C. CORISH

11:15 - 11:35

THE APPETITE RANDOMISED CONTROLLED TRIAL

D. VOLKERT

11:35 - 11:55

ACCEPTABILITY OF INNOVATIVE PLANT PROTEIN FIBRE PRODUCTS AND THEIR EFFECTS ON USUAL DIETARY INTAKE

C. CORISH

11:55 - 12:15

EFFECTS OF PLANT PROTEIN AND FIBRE SUPPLEMENTATION ON APPETITE AND NUTRITIONAL STATUS

K. HORNER

12:15 - 12:35

EFFECTS OF PLANT PROTEIN AND FIBRE SUPPLEMENTATION ON METABOLIC, FUNCTIONAL AND CLINICAL OUTCOMES

H. ROCHE

Monday August 25th

11:15 - 12:45

NUTRITION ACROSS THE LIFECYCLE- EVALUATING THE IMPACT OF MICRONUTRIENT MALNUTRITION ON ADVERSE PREGNANCY AND BIRTH OUTCOMES AND UNDER-5 MORTALITY IN THE ASSESSING THE ROLE OF MICRONUTRIENTS IN CHILD HEALTH AND MORTALITY PREVENTION SURVEILLANCE PROJECT

SY020

SCIENTIFIC SYMPOSIUM

Room 242B



DESCRIPTION

This symposium will present preliminary results from ARM-CHAMPS, a research initiative leveraging the Child Health and Mortality Prevention Surveillance (CHAMPS) network to explore the impact of micronutrient malnutrition on adverse pregnancy outcomes and under-5 mortality. By utilizing biorepository samples collected postmortem and from pregnancy surveillance, this project aims to gather essential data on micronutrient malnutrition, anemia, and nutrition intervention coverage across the lifecycle, focusing on countries in South Asia and sub-Saharan Africa where the burden of malnutrition is greatest. The goal of the ARM-CHAMPS symposium is to share evidence-based findings on micronutrient malnutrition in vulnerable populations, with presentations addressing the impact on children under-5 and pregnancy outcomes. The symposium will feature six key presentations and a moderated discussion with audience participation. First, an overview of ARM-CHAMPS will provide an introduction to current knowledge gaps in nutrition data across the life cycle and our approach to addressing them. Second, we will present on the burden of key micronutrient deficiencies (e.g., vitamin A, iron, zinc, B vitamins) among deceased children 0-59 months, using post-mortem serum and tissue samples, and their association with infectious disease mortality. Third, findings on the prevalence and etiology of anemia during the time of child death will emphasize the importance of identifying anemia's role in child mortality. Then, we will present dietary intake patterns among pregnant women in Kenya and Ethiopia, providing insight into nutrition variations during pregnancy. Finally, the burden of anemia and micronutrient deficiencies in pregnancy and associations with adverse pregnancy and birth outcomes will be discussed using data from Kenya and Ethiopia. Malnutrition contributes to approximately half of under-5 deaths globally, but estimates remain imprecise. Although existing interventions to prevent malnutrition are cost-effective, better data are needed to enhance strategies and reduce morbidity and mortality. CHAMPS data suggest a significant burden of malnutrition in children who have died, with post-mortem findings indicating that nearly three-fourths were malnourished at the time of death. In Ethiopia, high rates of neural tube defects suggest widespread folate deficiency, while pilot studies in South Africa and Kenya show a correlation between vitamin A deficiency and infectious mortality. ARM-CHAMPS aims to fill knowledge gaps by expanding specimen collection and leveraging biorepository resources to comprehensively assess the nutritional status of children and pregnant women, providing actionable insights for interventions to improve maternal and child health outcomes.

LISTE DES INTERVENANTS

CHAIR(S)

P. SUCHDEV

11:15 - 11:30

TBC

P. SUCHDEV

11:30 - 11:45

TBC

C. SAGAM

11:45 - 12:00

TBC

H. LUO

12:00 - 12:15

TBC

K. SIVALOGAN

12:15 - 12:30

TBC

L.G.. ABEBE

12:30 - 12:45

TBC

Y.Y.. ABDULLAHI

Monday August 25th

11:15 - 12:45

FOOD BIODIVERSITY FOR HUMAN NUTRITION AND NATURE

SY027

SCIENTIFIC SYMPOSIUM

Room 342A



DESCRIPTION

Food biodiversity is defined as the diversity of plants, animals, and other organisms used for food. The concept of food biodiversity is gaining attention and may benefit both human, and planetary health. Recent studies demonstrate associations between greater food biodiversity and better nutrient adequacy, and lower cancer, and mortality rates. Shifting diets to more nutritious, plant-based foods, could potentially increase food biodiversity. In addition, the importance of wild, neglected, and underutilized species for diets in low- and middle-income countries is increasingly recognized. This symposium highlights the potential value of food biodiversity to improve on the healthiness of human diets. Subjects to be presented: - The advantages of more biodiverse diets from a holistic agrifood system approach. - Food biodiversity indices: comparable markers for better nutrition and health across contexts? - Consumption of dietary fibre, fish, fruits and vegetables, is associated with greater food biodiversity in UK diets. - Combining nutrition and agrobiodiversity outcomes to select nutrient-dense, climate-resilient future food crops. The aim of this symposium is to give the latest insights in the importance of increasing food biodiversity for health and nature. What are the applications of the concept of food biodiversity in diets and public health? Our current food production systems have substantial environmental impacts leading to biodiversity loss in nature and agricultural systems. FAO and WHO are promoting healthy diets from sustainable agrifood systems, including the consumption of a wide variety of nutritious food groups to favor nutrient adequacy. The symposium is sponsored by World Wide Fund for Nature (WWF-NL), to highlight the underestimated importance of food biodiversity.

LISTE DES INTERVENANTS

MANAGER

C. VAN DOOREN

CHAIR(S)

C. VAN DOOREN

S. BIESBROEK

11:15 - 11:35

TBC

B. DE ROOS

11:35 - 11:55

TBC

B. BAUMER

11:55 - 12:15

TBC

G. HANLEY-COOK

12:15 - 12:35

TBC

R. REMANS

Monday August 25th

11:15 - 12:45

THE CO-CENTRE FOR SUSTAINABLE FOOD SYSTEMS- DEVELOPING INNOVATIVE AND TRANSFORMATIVE SOLUTIONS TO TRANSITION OUR FOOD SYSTEM TO BE HEALTHIER AND MORE SUSTAINABLE

SY028

SCIENTIFIC SYMPOSIUM

Room 342B



DESCRIPTION

An introduction to the Co-Centre for Sustainable Food Systems (AC) - A soil to society approach and the collaborative framework Sustainable food systems, encompassing production and processing (EG) - An urgent need for sustainable food systems and how research into Sustainable Foods and Food Safety can lead to effective change - Defining a healthful plant-based diet Improving human nutrition and health outcomes with a healthy, sustainable diet (MW/MK) - Identifying the challenges and risks in nutrient adequacy of sustainable diets - How to support people to make sustainable dietary changes for positive health outcomes - How the dual approach of data collection and data modelling can impact future policy and food based dietary guidelines Food systems and food security: What this means for Ireland, the UK and Europe (or beyond) (LD) - Challenges for the food system, food security and regulation - Using our research to influence policy Conclusions and Panel Discussion - Introduce the Co-Centre for Sustainable Food Systems to the international Nutrition community. · Highlight the vision of developing innovative and transformative solutions to transition the food system for positive, sustainable change in the transition to climate-neutrality by 2050. · Demonstrate the impact our research will have, and how the Co-Centre's research activities will achieve this. · Illustrate our collaborative approach to this global challenge. · Provide an opportunity for discussion of this important topic. Transformation of the global food system towards more sustainable and equitable outcomes is urgently needed, requiring an evidence-based food systems approach. The Co-Centre for Sustainable Food Systems aims to transform the existing food systems in Ireland and UK addressing economic, social, health and environmental problems to ensure safe nutritious food for all. The Co-Centre will consider specific challenges addressing food system integrity and resilience, food safety and healthy diets from sustainable sources. Using a food systems approach, the research programme encompasses five Platforms, Sustainable Foods, Food Safety, Nutrition and Health, Data Modelling and Trust in Food Systems, conducting translational research spanning food production to public health. In this symposium researchers from the Co-Centre will consider what is meant by a sustainable diet as well as the challenges and risks that may arise as we move to healthier and more sustainable diets.

LISTE DES INTERVENANTS

CHAIR(S)

E. GIBNEY

A. CASSIDY

11:15 - 11:33

TBC

E. GIBNEY

11:33 - 11:51

TBC

A. CASSIDY

11:51 - 12:09

TBC

D. LOUISE

12:09 - 12:27

TBC

M. KIELY

12:27 - 12:45

TBC

W. MARY

Monday August 25th

11:15 - 12:45

FOOD AS MEDICINE- NUTRITIOUS TREATMENTS IN HEALTH CARE

SY017

SCIENTIFIC SYMPOSIUM

Room Maillot



DESCRIPTION

In health care the focus is on treatment of disease with medication. However, many chronic diseases are lifestyle related. In this 'food as medicine' symposium we will discuss the benefits and potential impact of food and nutritional interventions as part of the treatment of different patient groups or for different diseases. Where currently the focus is mostly on disease and medication, we will discuss the importance of nutrition as part of the treatment for patients in health care. In this symposium we will discuss the 'why' and 'how' of personalised nutritional approaches in the "food as medicine" field, as well as potential impact and health benefits for patients. Presentation and discussion will cover different (health care) environments and diseases. In health care the focus is on treatment of disease with medication. In this symposium the benefits of food as medicine for different groups of patients will be discussed. Multiple chronic diseases are related to our diet and nutrition interventions as part of treatment could be useful to prevent, manage and treat these diseases. Health care professionals need to know the effectiveness of food; the interaction of nutrients with medication; the increased needs of for example intensive care unit patients; but also personal preferences and requirements of macro- and micronutrients. We invited experts with a broad range in knowledge and will cover these items for nutrition interventions as part of treatment in health care. In the symposium four experts will present their knowledge with regard to the topic. All four presenters have already confirmed their participation. After a short (5 min) introduction on the topic by the chair each expert will present for 15 minutes. Prof dr. R.F. Witkamp will based on his paper Bioactive Components in Traditional Foods Aimed at Health Promotion: A Route to Novel Mechanistic Insights and Lead Molecules? - PubMed inform us about the 'Food as Medicine' background. Prof. dr. P.J.M. Weijs will focus on nutrition intervention for seriously ill patients with respect to energy and protein. Amount and timing may need to be personalised. Prof. dr. S. Wopereis will present studies about Personalised Nutrition to prevent and reverse NCD based on personalised food and lifestyle advices. Dr. F.P.M. Hoevenaars will present how this will finally be performed in different health care environments by showing results of different field lab studies. Based on the information provided by the experts, a panel discussion will be organised for a vivid discussion with the audience.

LISTE DES INTERVENANTS

MANAGER

W.J. PASMAN

CHAIR(S)

11:15 - 11:30

**HOW THIS WILL FINALLY BE PERFORMED IN DIFFERENT HEALTH CARE ENVIRONMENTS BY
SHOWING RESULTS OF DIFFERENT FIELD LAB STUDIES**

F. HOEVENAARS

11:30 - 11:45

**NUTRITION INTERVENTION FOR SERIOUSLY ILL PATIENTS WITH RESPECT TO ENERGY AND
PROTEIN**

P. WEIJS

11:45 - 12:00

**BIOACTIVE COMPONENTS IN TRADITIONAL FOODS AIMED AT HEALTH PROMOTION: A
ROUTE TO NOVEL MECHANISTIC INSIGHTS AND LEAD MOLECULES?**

R. WITKAMP

12:00 - 12:15

**PERSONALISED NUTRITION TO PREVENT AND REVERSE NCD BASED ON PERSONALISED
FOOD AND LIFESTYLE ADVICES**

S. WOPEREIS

Monday August 25th

11:15 - 12:45

WHO IS BEING REACHED? RETHINKING HOW TO COLLECT, ANALYZE AND USE DATA ON THE COVERAGE OF MULTISECTORAL NUTRITION INTERVENTIONS

SY023

SCIENTIFIC SYMPOSIUM

Room 252A



DESCRIPTION

Introduction: what do and don't we currently know about who is being reached with effective nutrition interventions in LMIC. Speakers: R Heidkamp (5 min present) Learning to ask better questions: findings from formative research and validation studies with household survey participants. Speakers: S. Kim, & M. Munos (16 min present, 10 min audience Q&A) Collecting more with less: learning from experiences implementing new comprehensive nutrition intervention coverage modules and using mobile phone approaches. Speakers: S. Manohar & M. Munos (16 min present, 10 min audience Q&A) Making sense from data: sharing analytical approaches that capture the co-location of interventions in key populations and address data gaps. Speakers: P Nguyen & N Askeer (16 min present, 10 min audience Q&A) Closing/wrap-up: discuss policy implications and recap key takeaways from session. Speaker: M. Tessema (5 min present) 1.To identify common challenges across LMIC to population-based measurement of nutrition intervention coverage across sectors 2.To share findings from recent multi-country research studies that aimed to address measurement challenges by improving questionnaires and methodologies for household-level data collection and developing innovative analytical approaches that facilitate data use 3.To share resources and lessons learned that will facilitate the uptake of these tools and methods by others Across low- and middle-income countries (LMIC), there is growing investment in multisectoral policies to address malnutrition. National strategies include interventions by health, food, education and social protection sectors. However, investment in collection of high-quality data to monitor these multisectoral actions has been lacking. Since 2018, the DataDENT initiative has worked to address the need for high-quality actionable data on nutrition intervention coverage including multiple micronutrient supplements for pregnant women (MMS), maternal infant and young child nutrition (MIYCN) counseling, large-scale food fortification (LSFF) and nutrition-sensitive social protection (NSSP). We have taken a rigorous research-based approach to design new household survey questions and to develop feasible methods for collecting them at scale. We also work to increase data use by designing new analytical methods that respond to policy maker priorities. Research is carried out with national partner institutions in Ethiopia, Nepal, India and Bangladesh. This symposium presents a synthesis of DataDENT's work to improve the collection and use of multisector intervention coverage data.

LISTE DES INTERVENANTS

MANAGER

R. HEIDKAMP

CHAIR(S)

R. HEIDKAMP

M. TESSEMA

11:15 - 11:20

INTRODUCTION: WHAT DO AND DON'T WE CURRENTLY KNOW ABOUT WHO IS BEING REACHED WITH EFFECTIVE NUTRITION INTERVENTIONS IN LMIC

R. HEIDKAMP

11:20 - 11:25

CLOSING/WRAP-UP: DISCUSS POLICY IMPLICATIONS AND RECAP KEY TAKEAWAYS FROM SESSION

M. TESSEMA

11:25 - 11:51

MAKING SENSE FROM DATA: SHARING ANALYTICAL APPROACHES THAT CAPTURE THE CO-LOCATION OF INTERVENTIONS IN KEY POPULATIONS AND ADDRESS DATA GAPS

N. AKSEER

P. NGUYEN

11:51 - 12:17

COLLECTING MORE WITH LESS: LEARNING FROM EXPERIENCES IMPLEMENTING NEW COMPREHENSIVE NUTRITION INTERVENTION COVERAGE MODULES AND USING MOBILE PHONE APPROACHES

S. MANOHAR

M. MUNOS

12:17 - 12:43

LEARNING TO ASK BETTER QUESTIONS: FINDINGS FROM FORMATIVE RESEARCH AND VALIDATION STUDIES WITH HOUSEHOLD SURVEY PARTICIPANTS

S. KIM

M. MUNOS

Monday August 25th

11:15 - 12:45

JOINT SYMPOSIUM BY SFN AND THE NUTRITION SOCIETY (PART 2) - DECIPHERING THE GUT-BRAIN AXIS FOR PREVENTION AND MANAGEMENT OF WEIGHT GAIN

SY024

SCIENTIFIC SYMPOSIUM

Room 252B



DESCRIPTION

Part two of the joint 3 symposium between SFN and The Nutrition Society Symposium will cover: Is gut microbiota important for gut brain dialog?; Intestinal incretins in obesity and during weight maintenance; GLP-1 agonists and other Part two of the joint 3 symposium between SFN and The Nutrition Society in relation to obesity

LISTE DES INTERVENANTS

MANAGER

M. HOLLINGSWORTH

CHAIR(S)

T. HILL

W.L.. HALL

11:15 - 11:45

TBC

H. SCHELLEKENS

11:45 - 12:15

TBC

C. ROUX

12:15 - 12:45

TBC

Monday August 25th

11:15 - 12:45

APPROACHES TO NUTRIENT RECOMMENDATIONS AND MEAL-BASED NUTRIENT PROFILING SYSTEM (NPS) IN SOUTHEAST ASIA

SY022

SCIENTIFIC SYMPOSIUM

Room 251



DESCRIPTION

- Harmonization of Approaches to Nutrient Reference Values for Southeast Asian Countries: Why and How? (Emorn Udomkesmalee) - Review of Recommended Nutrient Intake Values in Southeast Asian Countries (E-Siong Tee) - Application of Novel Technology in Meal-based Nutrient Profiling System (NPS) (Wantanee Kriengsinyos) - Panel Discussion (Emorn Udomkesmalee, E- Siong Tee, Wantanee Kriengsinyos, Lynnette Neufeld) This session will update, highlight and share the approaches and efforts undertaken by the SEA Region with regards to nutrient recommendations and meal-based nutrient profiling system (NPS). ILSI Southeast Asia Region and FAO pioneered the first regional effort to provide a platform for discussion on recommended dietary allowances (RDAs) for the 10 SEA countries between 1997 and 2003. A recent review paper by the Southeast Asia Public Health Nutrition Network (SEA-PHN) (Tee et al., 2023) provided an overview of the available nutrient recommendations in SEA countries, as well as the approaches and scientific principles undertaken by these countries to formulate their own national energy and nutrient recommendations. It recognized that due to limited resources and expertise, there is a lack of original research data within the region to establish nutrient requirements based on original experimental data for the local population. Rather, recommendations were adapted or adopted from key international and renowned research organizations, such as WHO/FAO, FNB-IOM, and EFSA. With new developments and initiatives on the global level to explore and deliberate on ways to provide a uniform and consistent basis for setting nutrient intake (NIV) recommendations across countries through a harmonized process (Pray & Yaktine, 2018; Allen et al., 2020), ILSI SEA Region reconvened a Nutrient Recommendations Working Group (NRWG) that supports regional and international experts and health agencies representatives to review, discuss and establish consensus on a harmonized science-based approach to recommended nutrients intake for SEA. This effort will also impact the nutrient profiling system within the region, since the setting of nutrient profiles is an exercise that takes into account dietary and nutrient recommendations that are of public health importance.

LISTE DES INTERVENANTS

CHAIR(S)

E.S. TEE

C. WEAVER

11:15 - 11:35

HARMONIZATION OF APPROACHES TO NUTRIENT REFERENCE VALUES FOR SOUTHEAST ASIAN COUNTRIES: WHY AND HOW?

E. UDOMKESMALEE

11:35 - 11:55

REVIEW OF RECOMMENDED NUTRIENT INTAKE VALUES IN SOUTHEAST ASIAN COUNTRIES

E.S. TEE

11:55 - 12:15

TBC

L.M.. NEUFELD

12:15 - 12:35

APPLICATION OF NOVEL TECHNOLOGY IN MEAL-BASED NUTRIENT PROFILING SYSTEM (NPS)

W. KRIENGSIYOS

Monday August 25th

11:15 - 12:45

NEW WAYS TO ADDRESS THE PHYSIOPATHOLOGICAL UNDERPINNINGS OF OBESITY

SY021

SCIENTIFIC SYMPOSIUM

Room 243



LISTE DES INTERVENANTS

MANAGER

J. DELARUE

11:15 - 11:30

TBC

K. CLEMENT

11:30 - 11:45

TBC

E. BLAAK

11:45 - 12:00

TBC

J. DELARUE

12:00 - 12:15

TBC

J.M. OPPERT

12:15 - 12:30

TBC

J. TADROSS

Monday August 25th

11:15 - 12:45

BEHAVIOUR CHANGE IN COMPLEMENTARY FOOD HYGIENE- A MISSING COMPONENT FOR OPTIMAL NUTRITION TO ACHIEVE IDEAL CHILD GROWTH AND DEVELOPMENT

SY025

SCIENTIFIC SYMPOSIUM

Room 253



DESCRIPTION

8min Chair's intro plus 10min UNICEF on Nexus of Hygiene and Nutrition 12min – Dr S Budge (UOB/UK): A systematic review of research and a framework for the application of WHO recommended Hazard Analysis Critical Control Points (HACCP) in the preparation of foods fed to infants in the home in lower-income countries 17min – Dr C Sidibe (USTTB/Mali) and Dr OP Gautam (Water Aid (WA)/UK): Randomised Controlled Trials of food safety and hygiene behaviour change interventions in Nepal, Bangladesh, Gambia and Mali, findings and lessons learned 17min – Dr N Roschnik or colleague (Save the Children (SC)/UK) and Prof S Manaseki-Holland (UOB/UK): Risks, motivations and interventions for pre-meal communal handwashing (>2 individuals handwashing without soap in a small bowl of water without changing water) in Africa: Systematic review, Survey of Water Aid & Save the Children expert study, and qualitative studies in Mali and Ghana. 25min – Panel Q&A and concluding remarks – UNICEF, SC, WA, UOB, USTTB To discuss the urgent need to address the widespread unsafe complementary food handling practices critically linked to growth, through: A) Discussion on the nexus of nutrition and hygiene and how poor hand and utensil hygiene, food storage and serving practices can promote diarrhoea and/or enteropathy B) Present and discuss findings of a systematic review of HACCP-based research and a framework to assess complementary food hygiene and safety behaviours (building on WHO' Key Food Safety Practices) (Unpublished) C) Present a systematic review, an expert survey with African WaterAid and Save the Children and 3 qualitative studies in Mali and Ghana on pre-meal communal handwashing, with a focus on complementary feeding (4 Unpublished studies) D) Present 4 randomised controlled trials in Nepal, Bangladesh, Gambia and Mali (unpublished 120 cluster RCT) on low-cost approaches to food safety and hygiene behaviour change interventions to improve child health and growth outcomes No matter how nutritious the diet, transmission of pathogens via complementary food can cause diarrhoeal disease or gut enteropathy, affecting growth and development. Diarrhoea continues to be a leading cause of mortality and morbidity in young children. To enable achieving related SDGs for nutrition, health and WASH. In low-income countries, where availability of safe water is predicted to worsen with climate change, adopting habitual safe food preparation and feeding practices must be addressed through low-cost, household-level interventions. This symposium will review the latest literature, showcase food hygiene intervention ideas for replication in other settings, and an opportunity for dialogue in this critical cross-disciplinary space.

LISTE DES INTERVENANTS

MANAGER

S. MANASEKI-HOLLAND

CHAIR(S)

S. MANASEKI-HOLLAND

11:15 - 11:30

TBC

S. BUDGE

11:30 - 11:45

TBC

P.G. OM

11:45 - 12:00

TBC

N. ROSCHNIK

12:00 - 12:15

TBC

L. SHAKER BERBARI

12:15 - 12:30

TBC

C. SIDIBE

Monday August 25th

16:45 - 18:15

ACHIEVING SMART SCALE-UP OF MATERNAL MICRONUTRIENT SUPPLEMENTATION- KEY LEARNINGS AND PRACTICAL TOOLS & APPROACHES FOR SUSTAINABLE, WOMEN-CENTERED IMPACT

SY032

SCIENTIFIC SYMPOSIUM

Room 241



DESCRIPTION

Many low-and-middle-income countries (LMICs) are tackling the realities of how to scale-up maternal micronutrient supplementation programs to maximize impact for the long-term within financially constrained environments. This symposium will provide practical tools, share lessons from implementation research, including work underway with both Multiple Micronutrient Supplementation (MMS) and Calcium, and highlight women-centred strategies to overcome challenges in scaling-up supplementation programs effectively. Outline the critical role of government leadership and investment for driving successful scale-up and ensuring the longevity of supplementation programs that optimize adherence. Demonstrate how women-centered design can be used to ensure the unique needs, preferences, and voices of pregnant women are incorporated into implementation to shift long-term adherence challenges. Share evidence-based MMS training packages, job aids and behaviour change materials that support healthcare providers to deliver effective micronutrient supplementation programs. Present best practices in measurement and data collection to assess program readiness, track success and provide data for decision-making. Share practical tools to support decision making and gauge cost-effectiveness such as the new transition costing application for the MMS Cost-Benefit tool and costed roadmaps. Discuss how strengthening health systems through integrated approaches and leveraging existing infrastructure contributes to long-term program viability and continuous micronutrient provision, even after the initial introduction phase. There is growing global momentum for investing in preventative maternal micronutrient supplementation (i.e. MMS and calcium) to improve maternal health and newborn outcomes, with significant investments in increasing product supply and developing financing mechanisms. These efforts have expanded access to MMS, particularly in LMICs. However, without increased action on the program delivery system, countries risk losing the monumental gains that have been achieved in this area. Successful and sustainable scale-up of MMS programs rely on women not only receiving MMS but also consuming it daily and trusting in its benefits. Achieving this depends largely on the strength of the health system, robust government leadership, access to necessary tools and practical knowledge, and the implementation of tested solutions that reflect the preferences and needs of women.

LISTE DES INTERVENANTS

MANAGER

S. ROWE

CHAIR(S)

J. BUSCH-HALLEN

S. ROWE

16:45 - 17:05

TBC

A. QUERSHI

17:05 - 17:25

TBC

J. BUSCH-HALLEN

17:25 - 17:45

TBC

K. WAZNY

17:45 - 18:05

TBC

L. MURAGE

Monday August 25th

16:45 - 18:15

EVALUATING PROTEIN QUALITY FOR OLDER ADULTS

SY034

SCIENTIFIC SYMPOSIUM

Room 242B



DESCRIPTION

Welcome by symposium chair (5min) - Prof. Claire Gaudichon (AgroParisTech) Four scientific presentations (15min), each followed by Q&A (5min): 1. Protein quality evaluation for older adults - Dr Nikkie van der Wielen (Wageningen University) 2. Difference in digestibility between young vs older adults: results from an in vivo dual isotope approach - Fenna Hinssen (Wageningen University) 3. Changes in digestibility upon aging: an in vitro comparison using the INFOGEST protocol - Dr Valérie Petit (Nestlé) 4. Meal protein quality score: a novel tool to optimize protein combinations - Dr Pol Grootswagers (Wageningen University) Concluding remarks by symposium chair (5min) - Prof. Claire Gaudichon (AgroParisTech) This symposium aims to highlight the importance of protein quality for older adults, particularly in the context of transitioning to more sustainable protein sources. Our goal is to educate participants on the key aspects of evaluating protein quality in older adults, including methodological aspects, with a specific focus on the role of digestibility and practical application for the evaluation of meals. With the encouragement of the use of sustainable proteins, it is essential to consider the nutritional value of protein, especially for a vulnerable population like older adults who are at greater risk of protein malnutrition. Older adults require higher protein intake despite having lower energy needs. Understanding the impact of protein quality and the bioavailability of its amino acid components is crucial for optimizing intake and mitigating the risk of malnutrition and the age-related decline in muscle mass. Protein quality refers to the ability of a protein to supply adequate amounts of nitrogen and essential amino acids to meet the body's needs. The evaluation of protein quality depends on both the amino acid composition and the bioavailability of the protein, which is commonly assessed through digestibility assays. Older adults have been shown to exhibit a reduced muscle protein synthesis response after consuming protein compared to younger adults, so-called anabolic resistance. However, few studies have explored how age-related changes in digestive physiology might contribute to this effect, particularly across protein sources with different digestibility. Additionally, leveraging digestibility and amino acid composition data to evaluate meal protein consumption and design high-quality meals can help meet the nutritional needs of older adults.

LISTE DES INTERVENANTS

MANAGER

N. VAN DER WIELEN

CHAIR(S)

C. GAUDICHON

16:45 - 17:05

PROTEIN QUALITY EVALUATION FOR OLDER ADULTS

N. VAN DER WIELEN

17:05 - 17:25

DIFFERENCE IN DIGESTIBILITY BETWEEN YOUNG VS OLDER ADULTS: RESULTS FROM AN IN VIVO DUAL ISOTOPE APPROACH

F. HINSSEN

17:25 - 17:45

MEAL PROTEIN QUALITY SCORE: A NOVEL TOOL TO OPTIMIZE PROTEIN COMBINATIONS

P. GROOTSWAGERS

17:45 - 18:05

CHANGES IN DIGESTIBILITY UPON AGING: AN IN VITRO COMPARISON USING THE INFOGEST PROTOCOL

V. PETIT

A. FATTAL-VALEVSKI

Monday August 25th

16:45 - 18:15

BEYOND BERIBERI - THE VITAL ROLE OF THIAMINE IN EARLY NEUROCOGNITIVE DEVELOPMENT

SY035

SCIENTIFIC SYMPOSIUM

Room 243



DESCRIPTION

1) Dr. Aviva Fattal-Valevski, Pediatric Neurology Institute, Tel Aviv Sourasky Medical Center. An unfortunate 'natural experiment' among Israeli infants resulted from a manufacturing error that erroneously excluded thiamine from infant formula. These otherwise well-nourished infants had low thiamine intakes in early life. Many of these infants did not develop clinical beriberi symptoms; however, during follow-ups through childhood they displayed persistent language and motor delays compared to their peers. Dr. Fattal-Valevski will share clinical insights on the long-lasting impacts of early life thiamine deficiency. 2) Drs. Dare Baldwin & Jeffrey Measelle, Department of Psychology, University of Oregon. Speakers will share results from the first randomized controlled trial of maternal thiamine supplementation during the exclusive breastfeeding period. Infants to mothers taking thiamine supplements displayed a dose-response relationship in receptive and expressive language development at 6 months (Mullen Scales of Early Learning) and enhanced attention in response to infant- versus adult-directed speech (Infant Directed Speech Task). 3) Her Excellency Dr. Prak Sophonneary, Ministry of Health, Cambodia. Providing a policy perspective, Dr. Sophonneary will speak to the importance of thiamine surveillance, and the design of nutrition interventions in the first 1,000 days window to ensure adequate thiamine to safeguard children's development. Given that thiamine is an often-overlooked micronutrient of immense importance to early life development, we wish to host this Scientific Symposium to shed light on this important nutrient to: 1) encourage countries to add thiamine biomarker assessments to their national health surveys, 2) prompt program designers to consider thiamine in future multiple-micronutrient interventions (e.g. prenatal supplements), and 3) promote a broader understanding of the role of thiamine in early life neurocognitive development. Thiamine (vitamin B1) deficiency is often viewed as a historic relic, but unfortunately remains widespread in low-resource settings where rice is the dietary staple, including throughout South and Southeast Asia, numerous Pacific Island Nations, and throughout Africa. Thiamine deficiency causes potentially fatal beriberi, but more recent evidence suggests that early life sub-clinical thiamine deficiency, not severe enough to trigger clinical assessment and treatment, leads to persistent language and motor delays. Thiamine deficiency may put millions of infants at risk of neurocognitive deficits, undercutting life-long well-being and productivity.

LISTE DES INTERVENANTS

MANAGER

K. WHITFIELD

CHAIR(S)

K. WHITFIELD

16:45 - 17:10

TBC

D. BALDWIN

17:10 - 17:35

TBC

J. MEASELLE

17:35 - 18:00

TBC

P. SOPHONNEARY

Monday August 25th

16:45 - 18:15

ULTRA-PROCESSED FOODS AND INDIGENOUS PEOPLES- REVERSING THE TREND FOR A HEALTHIER FUTURE (TITLE TBC)

SY037

SCIENTIFIC SYMPOSIUM

Room 252A



DESCRIPTION

Global market forces, environmental and climate change, and ongoing assaults on indigeneity are key drivers of dietary change for many Indigenous Peoples, including declines in the consumption of traditional foods, erosion of their food systems, and with this an increased dependence on highly processed foods of poor nutrient quality. The proposed symposium will give spotlight to some of the key findings of an upcoming report, coordinated by the Global-Hub on Indigenous Peoples' Food Systems, on the impacts of ultra-processed foods on the health of Indigenous Peoples, their food and knowledge systems. The proposed symposium aligns strongly with the theme of "Sustainable Food for Global Health" and the key topic of climate change, sustainability and nutrition. Indigenous Peoples' food systems are arguably amongst the best placed to contribute insights on sustainable and healthy food systems: research attests that their food systems are often highly diverse, nutritious and sustainable, and provide an important basis for food security. However, these food systems – and the benefits they provide - are increasingly under threat. A recent study on Indigenous determinants of health by the UN Permanent Forum on Indigenous Issues recognised the replacement of Indigenous foods by ultra-processed foods as a critical risk factor for poor human health, as well as the health and preservation of Indigenous Peoples' food systems, environment, and cultural identity. Share findings and case studies from an upcoming report on the impacts of ultra-processed foods on the health of Indigenous Peoples and their food and knowledge systems. Highlight the drivers of increased accessibility, affordability, and consumption of ultra-processed foods for Indigenous Peoples. Present policy recommendations and future avenues of research to better support Indigenous Peoples and Indigenous Youth, building on examples of successful initiatives/interventions. In October 2023, the UN Global Indigenous Youth Forum called for efforts to better understand and limit the impacts of ultra-processed foods on the health of Indigenous Peoples, Youth and children. This international call from Indigenous Youth resonates strongly with broader concerns vocalised by Indigenous Peoples' institutions, communities, and researchers worldwide. The Global-Hub on Indigenous Peoples' food systems, in collaboration with the Global Indigenous Youth Caucus, is drafting a new report that seeks to consolidate evidence on the impacts of ultra-processed foods on the health of Indigenous Peoples and their food systems, to be published in October 2025. Please note that that the proposed speakers work closely with FAO on this topic within the Global-Hub. The title and speakers remain to be confirmed.

LISTE DES INTERVENANTS

CHAIR(S)

Y. FERNANDEZ DE LARRINO

16:45 - 17:00

TBC

Y. FERNANDEZ DE LARRINO

17:00 - 17:15

TBC

B. BURLINGAME

17:15 - 17:30

TBC

C. ZA VALETA CORTIJO

17:30 - 17:45

TBC

H. KUHNLEIN

17:45 - 18:00

TBC

T. DELORMIER

Monday August 25th

16:45 - 18:15

JOINT SYMPOSIUM BY SFN AND THE NUTRITION SOCIETY (PART 3) - INNOVATIVE STRATEGIES IN THE PREVENTION OF OBESITY

SY038

SCIENTIFIC SYMPOSIUM

Room 252B



DESCRIPTION

Part 3 of 3 of the joint SFN and The Nutrition Society symposia Symposium will cover: Obesity prevention in childhood; Should physical activity be the priority for public health?; Is there room for precision nutrition in the prevention of obesity? Part 3 of 3 of the joint SFN and The Nutrition Society symposia. Both Societies will share the costs.

LISTE DES INTERVENANTS

MANAGER

M. HOLLINGSWORTH

16:45 - 17:05

TBC

L. MORENO AZNAR

17:05 - 17:25

TBC

C. FORDE

17:25 - 17:45

TBC

S. BERRY

Monday August 25th

16:45 - 18:15

OMICS MARKERS FOR PRECISION NUTRITION AND HEALTH

SY039

SCIENTIFIC SYMPOSIUM

Room 253



DESCRIPTION

This scientific symposium is offered by IMDEA Alimentación, Madrid, which is a public non-lucrative research institute devoted to precision nutrition and health since 2008. Enrique Carrillo (IMDEA Alimentación-UAM) will present on “Big Data and Data Science challenges in precision nutrition” Lidia Daimiel (IMDEA Alimentación) will present on “Epigenomics application in chronic diseases” Alberto Dávalos (IMDEA Alimentación-CSIC) will present on “Lifestyle transcriptomics” Alberto Díaz-Ruiz (IMDEA Alimentación) will present on “Omics markers of energy metabolism” Moisés Laparra (IMDEA Alimentación-VIU) will present on “Immunomics in personalized nutrition” J. Alfredo Martínez (IMDEA Alimentación-UVA) will present on “Metabolic phenotyping for individualized nutrition” José María Ordovás (IMDEA Alimentación-TUFTS) will present on “Nutrigenetics in obesity and cardiometabolic disease” Integrate omics markers to comprehensively understand the different molecular levels of body metabolism and their relevance to personalized medicine and nutrition. Apply precision nutrition by using data from omics markers, genetics, and lifestyle to design specific diets that optimize individual health and promote disease prevention and management. Enhance the understanding of individual metabolic phenotypes through nutrigenetics analysis, identifying how genetic variants affect disease predisposition and treatment response. Incorporate artificial intelligence tools to support disease diagnosis, risk prediction, and personalized treatment based on the integration of omics and nutrigenetic data. Omics markers provide a comprehensive integration of the body metabolism by analyzing different molecular levels, such as genomics, transcriptomics, immunomics, proteomics, metagenomics, and metabolomics, which are crucial to personalized medicine and nutrition. In this context, precision nutrition uses data from these markers, along with genetics and lifestyle, to design specific diets that optimize individual health and aging as well as disease prevention and management. This holistic approach including nutrigenetics contributes to a better understanding of individualized metabolic phenotypes as well as disease diagnosis and the response to treatments supported by artificial intelligence tools.

LISTE DES INTERVENANTS

MANAGER

A. MARTINEZ

CHAIR(S)

A. MARTINEZ

16:45 - 16:55

METABOLIC PHENOTYPING FOR INDIVIDUALIZED NUTRITION

A. MARTINEZ

16:55 - 17:05

LIFESTYLE TRANSCRIPTOMICS

A. DÁVALOS

17:05 - 17:15

OMICS MARKERS OF ENERGY METABOLISM

A. DÍAZ-RUÍZ

17:15 - 17:25

BIG DATA AND DATA SCIENCE CHALLENGES IN PRECISION NUTRITION

E. CARRILLO

17:25 - 17:35

NUTRIGENETICS IN OBESITY AND CARDIOMETABOLIC DISEASE

J.M. ORDOVÁS

17:35 - 17:45

EPIGENOMICS APPLICATION IN CHRONIC DISEASES

L. DAIMIEL RUIZ

17:45 - 17:55

INMUNOMICS IN PERSONALIZED NUTRITION

M. LAPARRA

Monday August 25th

16:45 - 18:15

TRANSFORMING ANAEMIA INTERVENTIONS IN PREGNANCY- THE ROLE OF INTRAVENOUS IRON

SY040

SCIENTIFIC SYMPOSIUM

Room 341



DESCRIPTION

Anaemia remains an important health concern for pregnant women, especially in low income settings. A third of pregnant women globally are anaemic, with most of this burden falling in low-income settings. Modern intravenous iron formulations have transformed the landscape for therapy for iron deficiency anaemia in high income settings. These drugs are safer and can provide a rapid restitution of iron stores over a short infusion time. Recently, several teams have investigated the role of intravenous iron as a therapy for anaemia in low income settings, for women presenting with anaemia during pregnancy. These trials have evaluated the efficacy and feasibility of intravenous iron across sites in sub-Saharan Africa and South Asia, when given for anaemia in pregnancy. This session will summarise the rationale for this program, and will provide the audience with an overview of the trial results and their implications for policy. The speakers will also address topics around the implementation of intravenous iron including policy analysis, acceptability in the settings, and health economic issues. By the end of the session, the audience will be familiar with, and the speakers will have demystified, the concept of intravenous iron therapy and its role, strengths and limitations in for treating anaemia in the low-income setting. The session will cover: 1. The epidemiology of anaemia in low income settings in pregnancy 2. The pharmacology and opportunities for modern intravenous iron formulations 3. The results of the recent program of trials performed across Malawi, Nigeria, India and Bangladesh. 4. The accompanying results of implementation science and health economic analyses undertaken to help translate the results to policy. Modern intravenous iron formulations (eg ferric carboxymaltose, iron derisomaltose) are transforming healthcare for anaemia globally, and will enter the low income context. It is crucial that practioners in global nutrition have a good understanding of these therapies and how they can influence global health.

LISTE DES INTERVENANTS

MANAGER

S.R. PASRICHA

CHAIR(S)

S.R. PASRICHA

16:45 - 16:55

OVERVIEW OF INTRAVENOUS IRON THERAPY

16:55 - 17:10

**TREATMENT OF MATERNAL ANAEMIA WITH INTRAVENOUS IRON IN MALAWI:
EFFECTIVENESS AND SAFETY IN MOTHER AND CHILD**

S. BRAAT

17:10 - 17:25

**TREATMENT OF MATERNAL ANAEMIA WITH INTRAVENOUS IRON IN BANGLADESH:
EFFECTIVENESS AND SAFETY IN MOTHER AND CHILD**

E. DAVIDSON

17:25 - 17:40

**IMPLEMENTATION OF INTRAVENOUS IRON TREATMENT FOR MATERNAL ANAEMIA IN
BANGLADESH**

M.I. HASAN

17:40 - 17:55

**TREATMENT OF MATERNAL ANAEMIA WITH INTRAVENOUS IRON IN NIGERIA:
EFFECTIVENESS, SAFETY, AND IMPLEMENTATION OUTCOMES.**

B. AFOLABI

17:55 - 18:15

PANEL DISCUSSION / Q AND A

Monday August 25th

16:45 - 18:15

NUTRITION AT THE FRONTIERS OF A CHANGING ENVIRONMENT

SY041

SCIENTIFIC SYMPOSIUM

Room 342A



DESCRIPTION

The world is falling significantly short of achieving Sustainable Development Goal (SDG) 2, Zero Hunger, by 2030. The 2024 State of Food Security and Nutrition in the World (SOFI) report warned that climate change, new and existing conflicts and the aftermath of the COVID19 pandemic has set the world back 15 years, with levels of undernourishment now comparable to those in 2008-2009. In this rapidly changing world, this symposium “Nutrition at the frontiers of a changing environment” aims to explore a new environment for safeguarding nutrition in an era where the consequences of these complex and interrelated crises become more and more visible. However, this symposium will also present evidence for how in this new era, there are opportunities to tackle the interconnected challenges of climate change and malnutrition, and how new technologies and new ways of collaborating offering hope for a future where faster integration of data and evidence into inclusive policies and programs benefit the most vulnerable. The objectives of this session are: To present the evidence base on how a changing climate and environment changes the nutrition challenges. To present examples of how a changing technologies, data and innovation environment can advance the nutrition agenda. To generate a discussion how a changing, more ethical and equitable nutrition research environment will shift power relations changing the nutrition research landscape and the way we work together. To inform participants on the Micronutrient Forum 7th Global Conference “Nutrition at the Frontiers of a Changing Environment” in Accra, Ghana, 2026. Emerging realities: Climate change, on-going and new conflicts and geopolitical developments are fundamentally reshaping the landscape of nutrition challenges, driven by several complex, bidirectional and highly context-specific pathways. Evidence is emerging on climate change mitigation and adaptation strategies with clear nutrition co-benefits, as well as nutrition interventions with climate co-benefits. Emerging innovations in scientific methodologies and technologies: Cutting edge methodologies and technologies (systems biology, georeferencing, and artificial intelligence (AI)) will transform the way we do science and measure impact. Equitable research collaborations: A new, more equitable research environment with shifting power relations will change the nutrition research landscape and impact the way we work together.

LISTE DES INTERVENANTS

MANAGER

S. OSENDARP

CHAIR(S)

S. OSENDARP

A. LARTEY

16:45 - 16:55

TBC

S. OSENDARP

16:55 - 17:05

TBC

A. LARTEY

17:05 - 17:15

TBC

I. DANISH

17:15 - 17:25

TBC

L. MIACHON SILVA

17:25 - 17:35

TBC

M. LUANGAHO

17:35 - 17:45

TBC

S. CYRIAC

17:45 - 17:55

TBC

S.Y.. HESS

17:55 - 18:05

TBC

Z. BHUTTA

Monday August 25th

16:45 - 18:15

NUTRITIONAL LIFE CYCLE ASSESSMENT FOR SUSTAINABLE FOOD SYSTEMS- EVIDENCE AND POLICY INSIGHTS FROM AFRICA AND ASIA

SY042

SCIENTIFIC SYMPOSIUM

Room 342B



DESCRIPTION

This scientific symposium brings together researchers and practitioners with diverse backgrounds and experience to explore the intersection of nutritional value/quality and environmental sustainability of foods and diets, with a particular focus on low- and middle-income countries. The symposium will showcase cutting-edge applications of Nutritional Life Cycle Assessment (nLCA) in different geographical contexts, including Sub-Saharan Africa and Asia, while examining methodological advances, current limitations and opportunities for addressing them, and policy implications for nutrition-sensitive, sustainable food systems. 1) Present and discuss novel approaches for developing nutritional functional units (i.e., impact scaling metrics) that integrate global health and nutrition priorities. 2) Demonstrate practical applications of environmental-nutritional assessments of foods in understudied regions considering dietary and production diversity, with case studies from Sub-Saharan Africa and Asia. 3) Identify methodological strengths and limitations of nLCA and highlight potential dangers related to the communication of results with limited-to-no standard protocols. 4) Discuss future opportunities for addressing the identified limitations and propose interim steps for reducing subjectivity-related bias in nLCA until formal protocols are developed, to minimize potential risks associated with misinterpretation of uncertain results. 5) Facilitate dialogue between researchers, policymakers, and program implementers on translating nLCA findings into actionable food and nutrition policies and interventions. 6) Strengthen the evidence base for decision-making in sustainable food systems. Nutritional Life Cycle Assessment (nLCA) is a method that typically quantifies environmental indicators of food production (such as climate change, land and water use) and the nutritional value of single foods and whole diets. This approach, which may also include economic and social elements, enables more holistic sustainability comparisons between foods, meals, and diets with different nutrition profiles, making it a valuable tool for agri-food system decision-makers. As global populations grow and environmental pressures intensify, the need to protect planetary health whilst ensuring nutritional security becomes increasingly urgent, particularly in low- and middle-income countries. Although significant methodological advances have been made in nLCA over the past decade, there remains a critical need to address regional data gaps, comprehensively capture the nutritional value/quality of foods and diets, further incorporate cultural and socioeconomic considerations, and translate scientific findings into practical policy, investment, and programmatic recommendations. The method's limitations and opportunities for advancement must be carefully assessed, especially when applying findings to diverse geographical and cultural contexts.

LISTE DES INTERVENANTS

MANAGER

F. ORTENZI

CHAIR(S)

T. NEMECEK

F. ORTENZI

16:45 - 17:00

TBC

G.A.. MCAULIFFE

17:00 - 17:15

TBC

J. VAN DER POLS

17:15 - 17:30

TBC

J. COLSTON

17:30 - 17:45

TBC

F. ORTENZI

17:45 - 18:00

TBC

T. BEAL

Monday August 25th

16:45 - 18:15

HEALTHY AND UNHEALTHY PLANT-BASED DIETS AND CARDIOMETABOLIC RISK FACTORS- NEW INSIGHTS FOR EPIDEMIOLOGICAL STUDIES

SY031

SCIENTIFIC SYMPOSIUM

Room Maillot



DESCRIPTION

WHO has estimated that healthy lifestyles, including sufficient physical activity level and a healthy diet, could decrease between 81 to 94% myocardial infarction risks worldwide. Food behaviors considered unhealthy regarding cardiovascular health, mostly result from a first « occidental » nutrition transition, now followed by a second transition, toward more nutritionally sustainable diets. A global shift toward an increase in the contribution of plant foods to the diet is now acknowledged as a major lever for this transition. Thus, identifying and promoting plant-based diets which are favoring cardiometabolic health could enhance this second nutrition transition. This symposium will provide new insights from latest epidemiological studies investigating the association between plant-based foods, plant-based diets and cardiovascular health. The epidemiological studies presented will cover both preclinical cardiovascular damages, as well as cardiovascular health outcomes such as stroke or coronary heart disease, including results from French cohorts included in the CaPulCo project funded by the national research agency (ANR, ANR-22-CE36-0012). It will also provide results from recent studies with nutritional exposure including recent indicators of nutritional quality such as the level of food processing, and how it may be related to cardiovascular health. There is a growing evidence that all plant-based diets may not be equal in terms of benefits for health, especially when they are not nutritionally adequate, and with a high contribution of ultra-processed foods. Recently, indicators reflecting plant-based dietary patterns have been proposed. A score corresponding to a healthy plant-based diet including food such as fruit and vegetables, whole grains and cereals, legumes, etc.; and on the contrary, another score reflecting unhealthy plant-based diet indicator for diets rich in sugary drinks, sweet and fatty or salty foods (cakes and pastries, chocolate bars, French fries, etc.) have been applied in epidemiological studies. Some studies reported a protective role of a healthy plant-based diet against cardiovascular diseases, and on the contrary a higher risk of developing such diseases with unhealthy plant-based diet. Even more recently, new indicators have been developed regarding the contribution of ultra-processed plant foods to the diet, in relationship with cardiovascular health in a study from the UK biobank. It observed an increasing risk of developing coronary heart disease among individuals with greater intakes of these foods.

LISTE DES INTERVENANTS

MANAGER

B. ALLÈS

SPEAKER(S)

S. WAGNER

B. ALLÈS

C.C.. DAHM

CHAIR(S)

S. WAGNER

16:45 - 17:05

TBC

S. WAGNER

17:05 - 17:25

TBC

B. ALLÈS

17:25 - 17:45

TBC

C.C.. DAHM

17:45 - 18:05

TBC

S. WAGNER

Monday August 25th

16:45 - 18:15

NOURISHING FUTURES- INNOVATIONS IN IMPLEMENTING BEP SUPPLEMENTATION DURING PREGNANCY

SY036

SCIENTIFIC SYMPOSIUM

Room 251



DESCRIPTION

This symposium seeks to provide a platform for learning about and discussing effective implementation strategies and research on balanced energy and protein (BEP) dietary supplementation during pregnancy that could enhance maternal nutrition and health outcomes in low-and middle-income countries. The objective of this meeting is to share the latest insights and evidence on the efficacy of BEP (balanced energy and protein) dietary supplementation during pregnancy, with a focus on nutritional composition, targeting criteria, and effective delivery mechanisms. Join us for an enlightening symposium that kicks off with the latest WHO implementation guidance on BEP dietary supplementation during pregnancy. We will dive into essential topics, including nutritional composition, targeting criteria, and effective delivery mechanisms that can make a real difference in maternal health. Next, prepare to be inspired by four expert speakers who will share compelling findings from trials conducted in low- and middle-income countries. They will explore the transformative effects of BEP supplementation, highlighting which women stand to benefit the most from this crucial intervention. To wrap up this symposium, we will hear from a speaker who will provide valuable lessons learned related to targeting strategies and delivery mechanisms from countries that have successfully implemented BEP supplementation at both national and sub-national levels. Don't miss this opportunity to engage with cutting-edge research and strategies that are shaping the future of maternal nutrition!

LISTE DES INTERVENANTS

MANAGER

M. CIULEI

CHAIR(S)

M. CIULEI

A. GERNAND

16:45 - 16:55

TBC

M. CIULEI

16:55 - 17:05

TBC

A. GERNAND

17:05 - 17:15

TBC

R. BYADYA

17:15 - 17:25

TBC

D. WANG

17:25 - 17:35

**IMPACT OF BALANCED ENERGY PROTEIN SUPPLEMENTATION IN PREGNANCY ON BIRTH
OUTCOMES: RESULTS OF A CLUSTER RANDOMIZED CONTROLLED TRIAL IN RURAL
BANGLADESH**

T. SIDDIQUA

17:35 - 17:45

TBC

T. SHIFRAW

17:45 - 17:55

TBC

L.M.. ROGERS

Tuesday August 26th

08:00 - 09:30

RECONSIDERING THE POTENTIAL OF GROWTH MONITORING AND PROMOTION (GMP) IN LOW- AND MIDDLE-INCOME COUNTRIES

SY049

SCIENTIFIC SYMPOSIUM

Room 243



DESCRIPTION

Inadequate growth, i.e., not gaining sufficient height or weight, occurs when children live in a deficient environment. In these environments, young children are not fed according to recommended infant and young child feeding practices, often live in poor and unsanitary environments, and lack accessible high-quality health services. These conditions lead to inadequate dietary intakes and repeated infections, which in turn prevent optimal physical growth. Growing up in a deficient environment has profound long-term negative effects on the health, development, and opportunities of individuals and societies. GMP is globally implemented, but evidence on its effectiveness is missing and the epidemiological foundations of GMP for diagnosis and screening of infants and toddlers have not been studied. Funded by the Bill & Melinda Gates Foundation, researchers from IFPRI and the University of South Carolina (USC) studied the potential of GMP to improve the nutrition, health, and development of individual children in low- and middle-income countries (LMICs). Presentations will cover the use of height and weight data to diagnose and screen for inadequate growth, overweight and obesity, and delays in early childhood development (ECD) in individual children; the use of ECD screening tools and the implementation of ECD interventions in the context of GMP programs; and potential enablers for change in GMP in India and Ethiopia. Our symposium will address the following questions: (1) Can GMP criteria accurately diagnose or screen for inadequate growth, overweight and obesity, and delays in early childhood development (ECD) in individual children? (2) Could ECD screening tools be used with individual children within the context of GMP visits? Which ECD interventions could feasibly be delivered during GMP visits? (3) How is GMP planned and implemented? How it is perceived by parents, implementers, and decision makers? What are potential enablers for change in India and Ethiopia? Growth monitoring and GMP programs have been globally implemented for many decades, but their effectiveness has been questioned and challenged repeatedly since the 1980s. Challenges include the lack of clarity about the specific purposes and hypothesized paths of impact of GMP, poor quality measurements potentially leading to inaccurate diagnostics, variable implementation, and low coverage. A recent systematic review of the effect of GMP on anthropometric outcomes, infant and child feeding practices, and health service use found limited uncertain evidence on the effectiveness of GMP. The controversies around the use of GMP and the dearth of evidence on its effectiveness are in contrast with the nearly universal implementation of growth monitoring across the globe. Notwithstanding the decades-old debate around GMP, the epidemiological foundations of GMP have never been critically reviewed. Our symposium contributes to filling this evidence gap.

LISTE DES INTERVENANTS

MANAGER

J. LEROY

SPEAKER(S)

L. LARSON

J. LEROY

CHAIR(S)

L. LARSON

J. LEROY

08:00 - 08:15

TBC

L. LARSON

08:15 - 08:30

TBC

J. LEROY

08:30 - 08:45

TBC

E.A. FRONGILLO

08:45 - 09:00

TBC

L. SHAKER BERBARI

09:00 - 09:15

TBC

R. AVULA

09:15 - 09:30

TBC

R. BRANDER

Tuesday August 26th

08:00 - 09:30

VITAMINS & MINERALS- UNDERSTANDING GLOBAL DEFICIENCIES AND ADVANCING RESEARCH MINERALS

SY050

SCIENTIFIC SYMPOSIUM

Room 251



DESCRIPTION

- Calcium: an algorithm to assess calcium bioavailability from foods (Connie Weaver) - Framework for Developing Nutrient Prediction Equations (Tasija Karosas) - Vit K2: Expert Perspective on Recent and Future Research (Leon Schurgers) This session aims to advance understanding of nutrient bioavailability assessment through the development and application of predictive algorithms and frameworks. The first presentation will introduce an innovative algorithm designed to assess calcium bioavailability from various foods, discussing the methodology behind its creation and sharing insights gained from its implementation. The second talk will present a collaborative framework developed by an ILSI working group of over 20 international scientists, outlining a systematic approach for constructing nutrient bioavailability prediction equations. Key topics will include methodologies, data extraction, and potential applications. The final presentation will provide expert perspectives on the latest research and ongoing debates surrounding Vitamin K2, clarifying misconceptions and suggesting directions for future studies. Together, these talks aim to promote accurate nutrient bioavailability assessment methods that can support better-informed dietary recommendations. Understanding nutrient bioavailability—the degree to which nutrients are absorbed and utilized by the body—is essential for accurate dietary guidance and nutrition science. Although nutrient intake is often prioritized in dietary assessments, bioavailability varies widely based on numerous factors, requiring more sophisticated tools to assess true nutrient uptake from foods. Calcium, a critical mineral for bone health, can have variable absorption based on food sources, spurring the development of the first algorithm specifically designed to estimate calcium bioavailability. Meanwhile, ILSI's international working group has recognized the broader need for systematic nutrient prediction equations, creating a framework to develop these equations through comprehensive review, standardization, and data methodologies. Additionally, Vitamin K2, despite its importance for cardiovascular and bone health, remains under-researched, with misconceptions in the field. An expert review will shed light on current knowledge and provide guidance for future studies. Together, these presentations underscore the importance of refined bioavailability assessment tools to enhance nutritional science and public health outcomes.

LISTE DES INTERVENANTS

MANAGER

S. VIDRY

CHAIR(S)

S. VIDRY
C. WEAVER

08:00 - 08:30

CALCIUM: AN ALGORITHM TO ASSESS CALCIUM BIOAVAILABILITY FROM FOODS

C. WEAVER

08:30 - 09:00

FRAMEWORK FOR DEVELOPING NUTRIENT PREDICTION EQUATIONS

T. KAROSAS

09:00 - 09:30

VIT K2: EEXPERT PPERSPECTIVE ON RECENT AND FFUTURE RRESEARCH

D. SAULNIER
L. LEDER

Tuesday August 26th

08:00 - 09:30

CUTTING-EDGE NUTRITIONAL RESEARCH BY PROMISING YOUNG JAPANESE RESEARCHERS

SY051

SCIENTIFIC SYMPOSIUM

Room 252A



DESCRIPTION

Tatsuya Sugawara, Introduction Masaru Ochiai, Values of edible insects from the perspective of alternative food resources and food nutritional functions. Yu Takahashi, Development of next-generation research platform for nutrition science using human intestinal organoids. Yu Tahara, When to eat? -Precision Chrono-Nutrition research- Chika Horikawa, Optimized medical nutrition therapy for East Asians with type 2 diabetes: epidemiological evidence from a nationwide clinical study in Japan. Presentations on the latest basic research in nutritional science will be given by four young researchers to show the current status and future of nutritional research in Japan to the world. The program will include lectures exploring the cutting edge of nutritional science such as insect diets, organoids, precision chrono-nutrition, and nutritional therapy. M. Ochiai will give a presentation on the food and environmental benefits of using edible insects as novel food and pharmaceutical resources. In particular, functional lipids contained in various species of edible insects and lipid-enhancing effects will be presented. Y. Takahashi will introduce a novel research platform for handling human intestinal organoids for daily use and various applications for evaluating physiological intestinal functions that cannot be replicated using conventional models. Y. Tahara's talk explores recent translational "Chrono-Nutrition" research, including food-log app-based epidemiological evidence on dietary patterns related to chronotype, sleep, and life stages, as well as clinical studies on the importance of breakfast composition. C. Horikawa will give a presentation on optimized epidemiological evidence for medical nutrition therapy for East Asians with type 2 diabetes, including the Japan Diabetes Complications Study (JDCS), the first large-scale clinical trial in Asian patients with type 2 diabetes. This symposium was organized by the Japan Society of Nutrition and Food Science (<https://www.jsnfs.or.jp/english/>) to provide promising young nutrition researchers with an opportunity to gain experience in presenting at international conferences. The four symposiasts, selected through an open call for proposals, will present attractive topics that can lead to solutions to nutritional problems faced by other countries. This symposium matches the main theme of 23rd IUNS-ICN, "Sustainable Food for Global Health", and is held with the cooperation of the IUNS Subcommittee in Science Council of Japan, with the support of the Japanese scientist community.

LISTE DES INTERVENANTS

MANAGER

T. SUGAWARA

CHAIR(S)

K. MUROTA
A. TAKENAKA

08:00 - 08:10

**VALUES OF EDIBLE INSECTS FROM THE PERSPECTIVE OF ALTERNATIVE FOOD RESOURCES
AND FOOD NUTRITIONAL FUNCTIONS**

M. OCHIAI

08:10 - 08:20

TBC

T. SUGAWARA

08:20 - 08:30

**DEVELOPMENT OF NEXT-GENERATION RESEARCH PLATFORM FOR NUTRITION SCIENCE
USING HUMAN INTESTINAL ORGANOIDs**

Y. TAKAHASHI

08:30 - 08:40

**OPTIMIZED MEDICAL NUTRITION THERAPY FOR EAST ASIANS WITH TYPE 2 DIABETES:
EPIDEMIOLOGICAL EVIDENCE FROM A NATIONWIDE CLINICAL STUDY IN JAPAN**

C. HORIKAWA

08:40 - 08:53

TBC

K. MUROTA

08:53 - 09:06

TBC

A. TAKENAKA

09:06 - 09:19

WHEN TO EAT? -PRECISION CHRONO-NUTRITION RESEARCH

Y. TAHARA

Tuesday August 26th

08:00 - 09:30

RECENT ADVANCES IN MICROBIOME SCIENCE- PREBIOTICS, POSTBIOTICS, AND EARLY NUTRITION FOR OPTIMIZED HEALTH

SY052

SCIENTIFIC SYMPOSIUM

Room 252B



DESCRIPTION

- Prebiotics and Immunity: Their Role in Bacterial, Viral Infections and Vaccination Efficiency (Hediye Arioztunc) - Benefits, challenges, and opportunities with changes in the maternal microbiome (Eduard Flores Ventura) - Understanding Postbiotics: Global Consumer Insights and Research Gaps (Delphine Saulnier) This scientific session aims to investigate the complex interactions between prebiotics, microbiome health, and immune function, particularly in relation to infection resistance and vaccination efficacy. By examining the evidence on prebiotics' potential to bolster immunity against bacterial and viral infections, this session will highlight how these dietary components may support effective vaccination. Further, it will explore the maternal microbiome's role in early childhood development, addressing how both digestible and non-digestible carbohydrates influence health outcomes in young children. Finally, insights into consumer awareness and attitudes toward postbiotics will be presented, identifying research gaps and opportunities for advancing global understanding of postbiotics and their potential health benefits. Together, these discussions aim to provide a comprehensive view of the impact of microbiome-targeted interventions across various life stages and population groups. With growing recognition of the microbiome's influence on health, there is increasing interest in how dietary components like prebiotics can shape immune responses and enhance disease resilience. Scientific reviews, such as those covered in this session, are beginning to reveal promising connections between prebiotics, infection defense, and vaccination efficacy, underscoring their potential role in public health strategies. Additionally, shifts in the maternal microbiome during early childhood have emerged as a critical factor in health outcomes, as the session will discuss, exploring evidence from RCTs and cohort studies on the effects of carbohydrates in young children. Furthermore, consumer interest in microbiome health is expanding to include postbiotics; cross-national surveys highlight varying levels of consumer understanding and reveal specific research needs in this area. This session, therefore, provides an opportunity to assess current scientific evidence and consumer insights, aiming to bridge gaps and pave the way for innovative microbiome-focused interventions in health.

LISTE DES INTERVENANTS

CHAIR(S)

I. GUELINCKX

08:00 - 08:20

TBC

F. BLACHIER

08:20 - 08:43

UNDERSTANDING POSTBIOTICS: GLOBAL CONSUMER INSIGHTS AND RESEARCH GAPS

D. SAULNIER

08:43 - 09:06

BENEFITS, CHALLENGES, AND OPPORTUNITIES WITH CHANGES IN THE MATERNAL MICROBIOME

E.F. VENTURA

09:06 - 09:29

PREBIOTICS AND IMMUNITY: THEIR ROLE IN BACTERIAL, VIRAL INFECTIONS AND VACCINATION EFFICIENCY

H. ARIÖZ TUNC

Tuesday August 26th

08:00 - 09:30

ADDRESSING CURRENT ISSUES FOR PUBLISHING NUTRITION SCIENCE IN ACADEMIC JOURNALS

SY053

SCIENTIFIC SYMPOSIUM

Room 253



DESCRIPTION

This symposium will consist of 4 presentations about current issues related to publishing nutrition science results in academic journals followed by an opportunity to ask current journal editors questions about what they view as important contributions to the literature. The symposium will provide participants information on the following topics: What is open science, what is data sharing and ensuring it. What is good nutrition science that answers the important questions and advances our knowledge. How to get published and what needs to be in a manuscript that reports original research and literature reviews. What can you do to tilt the review in your favor. The peer review process, what makes a good peer review and the importance of peer review. Your manuscript is rejected; what does it mean and what does it not mean. The presenters and panel discussants for this symposium are the Editors-in-Chief for leading academic journals that span the breadth of nutrition including basic nutrition sciences, clinical nutrition, nutrition interventions, behavioral nutrition, public health nutrition and epidemiology and nutrition policy. The presenters are the Editors-in-Chief for: The American Journal of Clinical Nutrition, the International Journal of Obesity, the British Journal of Nutrition, the African Journal of Food, Agriculture, Nutrition and Development, the International Journal of Behavioral Nutrition and Physical Activity and for Nutrition Reviews.

LISTE DES INTERVENANTS

MANAGER

D. TAREN

CHAIR(S)

D. TAREN

08:00 - 08:15

TBC

D. TAREN

08:15 - 08:30

TBC

C. DUGGAN

08:30 - 08:45

TBC

D. STENSEL

08:45 - 09:00

TBC

M. HINGLE

09:00 - 09:15

TBC

J. MATHERS

09:15 - 09:30

TBC

R. ONIANG'O

Tuesday August 26th

08:00 - 09:30

A VOLUNTARY CODE OF CONDUCT FOR MEASURING AND PROMOTING ADHERENCE AND SUSTAINABILITY OF THE MEDITERRANEAN DIET (MEDDIET)- RATIONALE, PROPOSITION AND CHALLENGES

SY054

SCIENTIFIC SYMPOSIUM

Room 341



DESCRIPTION

The symposium is made in continuation to the double symposia “Measuring and promoting adherence to the Mediterranean Diet, as a model for sustainable diets”, organized by the joint MedDiet FENS, IUNS and CIHEAM Task Force, at the 14th European Nutrition Conference, in November 2023, in Belgrade. Nahla Hwalla, American University of Beirut, Lebanon (15 min) Marcela González-Gross, FENS Task Force and Technical University of Madrid, Spain (15 min) Elliott Berry, Hebrew University, Jerusalem, Israel (If he will confirm to be in Paris) (15 min) Antonia Trichopoulou, Academy of Athens Greece (If she will confirm to be in Paris) (15 min) Closing by Jacques Delarue (FENS) with questions from audience (10 min) To set the path for reaching consensus to reverse the erosion of the MedDiet by promoting and measuring adherence and sustainability of the MedDiet, through a voluntary code of conduct and a unified score, as safeguarding measures. The next step is to bring these propositions to all stakeholders and policy makers who have the power to help operationalize them. There is a consensus that a common metric for assessing adherence to the Mediterranean diet specifically, and sustainable diets, generally can be useful for application at both population and individual level. However, developing a “unified” metric for the Mediterranean diet (MD) has been a methodological challenge. Researchers have acknowledged the difficulties and limits of using health-derived scores to describe the four benefits of an ideal sustainable dietary pattern (low environmental impact, positive economic return for local communities, high socio-cultural value, major health and nutritional effect). Numerous publications have demonstrated its beneficial health effects, with many arguments in favor of its sustainability, and more observation of the loss of adherence to MedDiet in the region where it was born. Adhesion of the Mediterranean diet pattern is decreasing especially in Mediterranean region and in young people. This is mainly explained by the competition with unhealthy dietary patterns especially consumption of ultra-processed foods. This is all the more paradoxical given that MedDiet has proven its health benefits especially towards non communicable diseases, at a time when their incidence is increasing almost everywhere. MedDiet is also a proved to be sustainable diet and has been proposed as a model for sustainable food systems, and recognized by the UNESCO as “Intangible Cultural Heritage of Humanity”. It requires urgent actions for its revitalization.

LISTE DES INTERVENANTS

MANAGER

J. DELARUE

CHAIR(S)

J. DELARUE

08:00 - 08:10

CLOSING

J. DELARUE

08:10 - 08:25

TBC

A. TRICHOPOULOU

08:25 - 08:40

TBC

E. BERRY

08:40 - 08:55

TBC

M. GONZALEZ GROSS

08:55 - 09:10

TBC

N. HWALLA

09:10 - 09:25

TBC

S. DERNINI

Tuesday August 26th

08:00 - 09:30

ARTIFICIAL INTELLIGENCE AND NUTRITION

SY048

SCIENTIFIC SYMPOSIUM

Room 242B



DESCRIPTION

- "Artificial intelligence and advanced data analysis for better diagnosis, personalized treatment and multimedia assisted dietary assessment" (Prof. Stavroula Mougiakakou) - "AI for the Automated Determination of Body Composition: Toward Improved Nutritional Assessment in Clinical Practice" (Prof. Cécile Bétry) - "AI and machine learning in food and nutrition research" (Dr. Daniel Kirk) To present different applications of Artificial Intelligence in nutrition in various contexts and discuss the advantages and cautionary points. Artificial Intelligence (AI) is revolutionizing numerous fields, and fosters novel applications for improving nutrition and health. AI-driven tools by harnessing advanced algorithms, machine learning, and big data, allow to analyze dietary patterns, predict nutritional needs, refine risk stratification and provide personalized meal plans and dietary guidelines based on individual health data, towards precision nutrition approaches. However, implementation of AI must be accompanied by strict regulations, scientific validation, and ethical considerations to ensure its benefits are maximized while minimizing risks to users. All of these aspects will be discussed through 3 application projects to explore the potential of AI in health and nutrition area.

LISTE DES INTERVENANTS

CHAIR(S)

V. COTTET

J.A. NAZARE

08:00 - 08:30

AI FOR THE AUTOMATED DETERMINATION OF BODY COMPOSITION: TOWARD IMPROVED NUTRITIONAL ASSESSMENT IN CLINICAL PRACTICE

C. BETRY

08:30 - 09:00

AI AND MACHINE LEARNING IN FOOD AND NUTRITION RESEARCH

D. KIRK

09:00 - 09:30

**ARTIFICIAL INTELLIGENCE AND ADVANCED DATA ANALYSIS FOR BETTER DIAGNOSIS,
PERSONALIZED TREATMENT AND MULTIMEDIA ASSISTED DIETARY ASSESSMENT**

S. MOUGIAKAKOU

Tuesday August 26th

08:00 - 09:30

STRIKING THE BALANCE- NAVIGATING FOOD PROCESSING AND SUSTAINABILITY FOR A BETTER FUTURE

SY046

SCIENTIFIC SYMPOSIUM

Room 241



DESCRIPTION

This symposium will consider the nutritioinal quality, consumer perceptions and the role of food processing in producing acceptable plant based foods to support the transition to healthy diets from sustainable sources. This symposium aims to; - Outline the nutritional quality of plant based foods and diets - Present consumer perceptions of processed protein alternatives - Demonstrate the role of food processing in plant based foods There is an urgent need to alter our food systems to balance both population and planetary health. To do so, we need to consider how food is produced, manufactured, distributed and consumed. Innovations and changes in the production of existing and new foods and ingredients to support the required changes in dietary patterns, needs to be cognisant of current consumer sentiment towards food processing and manufacturing as well as the growing evidence of links with adverse health outcomes. Understanding the role of processing in producing acceptable plant based food to meet consumer needs, as well as the consumer perceptions of plant based processed foods will be an important step in realising a meaningful change in global dietary habits.

LISTE DES INTERVENANTS

MANAGER

E. GIBNEY

CHAIR(S)

E. GIBNEY

B. MORIO

08:00 - 08:30

TBC

W. JAYNE

08:30 - 09:00

TBC

S. GRASSO

09:00 - 09:30

TBC

V. FOGLIANO

Tuesday August 26th

08:00 - 09:30

TRANSFORMING FOOD SYSTEMS FOR NUTRITION AND HEALTH

SY056

SCIENTIFIC SYMPOSIUM

Room 342B



DESCRIPTION

This symposium will explore how food systems can be transformed to promote health, environmental sustainability, and social equity, using recent experiences in Mexico as a case study and situating them within global conversations on food system change. The session will bring together a diverse group of researchers and practitioners, offering multidisciplinary perspectives from the fields of public health, food systems, public policy, and nutrition. Mexico faces rising food insecurity, growing inequalities in access to nutritious food, widespread consumption of ultra-processed products, and intensifying climate pressures on agriculture—and vice versa. At the same time, a major legislative milestone has created momentum: the General Law on Adequate and Sustainable Food, passed in April 2024, aims to establish mechanisms for planning, coordination, and governance to ensure the right to healthy, sustainable food. The symposium seeks to: Analyze the main challenges affecting Mexico's food systems. Reflect on the goals and values that should guide food system transformation—i.e., why transform and for whom? Identify principles and strategic entry points to drive change in policy and practice. Share lessons learned from Mexico's experience alongside international perspectives, generating insights that can inform regional and global food system transformations. Food systems—defined as the interconnected processes of food production, distribution, consumption, and governance—have the potential to nurture human health, restore ecological balance, and promote equity. Yet in their current form, they often contribute to malnutrition, environmental degradation, and social injustice. The climate crisis and food systems are deeply intertwined. Food production is a major driver of greenhouse gas emissions, deforestation, and the unsustainable use of natural resources, while climate change undermines agricultural productivity and threatens food security. Addressing these interlinked challenges demands a comprehensive transformation of food systems toward models that are resilient, equitable, and sustainable—ensuring healthy diets for all within planetary boundaries.

LISTE DES INTERVENANTS

MANAGER

P.A. CAMPOS

CHAIR(S)

P.A. CAMPOS

08:00 - 08:15

TBC

P.A. CAMPOS

08:15 - 08:30

TBC

K. SANCHEZ

08:30 - 08:45

TBC

F. ESPINOSA

08:45 - 09:00

TBC

C. CONTI

09:00 - 09:15

TBC

E. DI RUGGIERO

Tuesday August 26th

08:00 - 09:30

ADVANCING FOOD SYSTEMS TRANSFORMATION FOR SCHOOL FOOD AND NUTRITION- GLOBAL INSIGHTS AND LOCAL INNOVATIONS

SY055

SCIENTIFIC SYMPOSIUM

Room 342A



DESCRIPTION

Exploring the world of school feeding: Results of the 2024 Global Survey of School Meal Programs, Arlene Mitchell Food literacy plus: Rethinking school food education for a healthier future, Aditi Mehrotra Regulating the School Food Environments in Mexico: A National Policy for Healthier and Sustainable Nutrition, Anabelle Bonvecchio From restricting ultra-processed foods to supporting family farming: effects of the Brazilian National School Feeding Program, Ana Duran Inclusive dairy procurement for school feeding: Experiences from Ethiopia, Uganda, and Burundi, Monique Beun The strategic use of public procurement as a tool to enhance sustainability and catalyze transformation within food systems: Scoping review on school procurement, Wendy Gonzalez Discuss key findings from the 2024 Global Survey of School Meal Programs, highlighting trends, innovations, and pressing challenges in delivering effective school meal programs worldwide. Present programmatic experiences from India and Mexico, focusing on best practices, lessons learned, and actionable insights to strengthen school food and nutrition programs. Share practical insights from experiences aimed at enhancing sustainable procurement processes and strengthening value chains within school meal programs to improve local impact and sustainability. School food and nutrition programs are a multisectoral game changer, with the potential to enhance children's educational outcomes, health, nutrition, and gender equity while also strengthening food systems and local economies. This symposium aims to showcase the latest evidence on global insights and local innovations that strength school food and nutrition initiatives, supporting food systems transformation. By deepening our understanding of these factors, we seek to advance our understanding of effective actions for improving children's diets in school settings.

LISTE DES INTERVENANTS

MANAGER

W. GONZALEZ

CHAIR(S)

W. GONZALEZ

08:00 - 08:09

TBC

M. BEUN

08:09 - 08:18

TBC

A. BONVECCHIO

08:18 - 08:27

TBC

A.C. DURAN

08:27 - 08:36

TBC

A. MEHROTRA

08:36 - 08:45

TBC

A. MITCHELL

08:45 - 08:54

TBC

M. SHINDLER

Tuesday August 26th

11:15 - 12:45

EARLY LIFE NUTRITION, THE BASIS FOR HEALTHY LIFE

SY058

SCIENTIFIC SYMPOSIUM

Amphitheatre Bleu



DESCRIPTION

- Early biomarkers for prediction of metabolic health (Francisco Javier Ruiz-Ojeda) - Lipid quality in early life nutrition (Giulia Carla Immacolata Spolidoro) - Nutritional quality of plant protein-based infant formula (Kasper Hettinga) This scientific session aims to shed light on crucial aspects of early-life nutrition that impact long-term metabolic health, focusing on early biomarkers, lipid quality, and plant protein-based infant formulas. By identifying biomarkers that can predict childhood obesity and metabolic health risks, this session seeks to inform early intervention strategies that promote lifelong well-being. It also examines the role of dietary lipid quality in the first year of life, assessing the impact of saturated and monounsaturated fatty acids on infant health and the importance of optimizing intake levels. Additionally, the session will evaluate the nutritional adequacy and feasibility of plant protein-based infant formula as a potential alternative to traditional animal protein formulas, addressing the specific nutritional needs of term-born infants. Together, these discussions aim to support evidence-based recommendations and innovations in early-life nutrition, fostering healthier growth trajectories from infancy onward. The early nutritional environment is a critical determinant of metabolic health, influencing lifelong outcomes in areas such as obesity and chronic disease. Research has shown that certain biomarkers in early life may serve as indicators of future metabolic health, providing a proactive approach to identify and manage risk factors. By focusing on these biomarkers, researchers hope to pinpoint early warning signs for conditions like childhood obesity, which can have long-lasting health consequences. In parallel, the quality of dietary lipids consumed during infancy, especially the balance of saturated and monounsaturated fatty acids, is recognized as essential to promoting optimal growth and development. This aspect of infant nutrition is increasingly relevant given evolving dietary guidelines. Additionally, as plant-based nutrition gains popularity, assessing the feasibility of plant protein-based formulas becomes vital for parents seeking alternatives to traditional options. This session brings together current insights and research findings to advance understanding of early-life nutrition's impact on metabolic health, aligning with goals to enhance health outcomes from the earliest stages.

LISTE DES INTERVENANTS

CHAIR(S)

F. VISIOLI

C.Y. CHANG

11:15 - 11:35

EARLY BIOMARKERS FOR PREDICTION OF METABOLIC HEALTH

F.J. RUIZ-OJEDA

11:35 - 11:55

LIPID QUALITY IN EARLY LIFE NUTRITION

G.C. IMMACOLATA SPOLIDORO

11:55 - 12:15

NUTRITIONAL QUALITY OF PLANT PROTEIN-BASED INFANT FORMULA

K. HETTINGA

12:15 - 12:35

TBC

F. VISIOLI

Tuesday August 26th

11:15 - 12:45

PRECISION NUTRITION- OPTIMIZING PREVENTION STRATEGIES FOR OBESITY AND CHRONIC DISEASE

SY057

SCIENTIFIC SYMPOSIUM

Grand Amphitheatre



DESCRIPTION

- Metabolic phenotyping in precision nutrition (Ellen Blaak) - Translating precision nutrition research into practical prevention strategies for chronic metabolic diseases (Laetitia Lengelé and Art Muijsenberg) - Diabetes prevention in the era of precision nutrition (Jordi Merino) This session will explore the exciting field of precision nutrition, focusing on its potential to revolutionize the prevention and management of chronic diseases. We will delve into the latest advancements in metabolic phenotyping, the translation of research into practice, and the application of precision nutrition to diabetes prevention. - Metabolic phenotyping in precision nutrition: Explore how metabolic phenotyping can identify individuals at risk for obesity and other metabolic disorders. Discuss the potential of targeted dietary interventions to address these specific needs. - Translating precision nutrition research into practical prevention strategies for chronic metabolic diseases: Discuss the challenges and opportunities in translating precision nutrition research into practical prevention strategies. Explore the role of technology, personalized nutrition plans, and education in implementing these strategies. - Diabetes prevention in the era of precision nutrition: By combining wearable technology, molecular biology, and machine learning, the project will investigate how diet and the gut microbiome influence glucose homeostasis in different glucotypes.

LISTE DES INTERVENANTS

CHAIR(S)

S. VINOY

S. MULLIN

11:15 - 11:38

METABOLIC PHENOTYPING IN PRECISION NUTRITION

E. BLAAK

11:38 - 12:01

DIABETES PREVENTION IN THE ERA OF PRECISION NUTRITION

J. MERINO

12:01 - 12:24

**TRANSLATING PRECISION NUTRITION RESEARCH INTO PRACTICAL PREVENTION
STRATEGIES FOR CHRONIC METABOLIC DISEASES**

L. LENGELÉ

A. MUIJSENBERG

Tuesday August 26th

11:15 - 12:45

GETTING RESEARCH INTO POLICY, PRACTICE, AT SCALE (GRIPPS). LEARNING FROM MAMI, THE MANAGEMENT OF MALNUTRITION IN INFANTS AGED <6M

SY062

SCIENTIFIC SYMPOSIUM

Room 242B



DESCRIPTION

Over the last 15 years, MAMI, The Management of Malnutrition in Infants aged under 6 months, has gone transformational development from being a: - Neglected and forgotten problem whose existence was even denied... to - A priority issue for global child health and nutrition, one of 4 key topics in the latest 2023 World Health Organization Malnutrition (Wasting and Oedematous malnutrition) guideline. In this symposium we will use the story of MAMI to share experiences, reflections and ideas from the growth of MAMI to help others develop and scale their own global health / public health nutrition topic areas. We will also describe (how to navigate) the WHO GRADE (Evidence to Decision) guideline process. The symposium will involve initial presentations from MAMI collaborators charting key steps & lessons learnt. This will be followed by interactive quizzes, discussions and action plans by the symposium participants to together accelerate progress in global child health/nutrition. NB this symposium is also relevant to the following topic areas: - Public health and nutrition throughout life cycle - The future of nutrition recommendations To highlight how & why improved management of malnutrition can: - Save millions of lives per year - Improve child development, school achievement & other SDGs - Reduce adult NCD To motivate global / public health nutrition researchers to have greater impact in their own work by improving partnerships and better understanding the research to policy/practice process To accelerate progress in global child health/nutrition by generating new ideas for improving the management of infant malnutrition and related fields. Infant malnutrition is far from the only neglected area of global nutrition/health. There are many reasons for this. We will share with (& learn from) the seminar audience on how to transform such situations to work towards greater future impact in research. Frameworks such as GRADE, MSI & the MRC framework for developing and evaluating complex interventions will be discussed.

LISTE DES INTERVENANTS

MANAGER

M. KERAC

CHAIR(S)

M. KERAC

11:15 - 11:30

TBC

M. KERAC

11:30 - 11:45

TBC

H. BARTHORP

11:45 - 12:00

TBC

M. MCGRATH

12:00 - 12:15

TBC

M. BEHRANE

12:15 - 12:30

TBC

M. ABERA

Tuesday August 26th

11:15 - 12:45

NACRE- A EUROPEAN NETWORK TO FOSTER INTERDISCIPLINARY RESEARCH IN NUTRITION AND CANCER

SY063

SCIENTIFIC SYMPOSIUM

Room 243



DESCRIPTION

Non-communicable diseases are responsible for 74% of deaths worldwide, with cancers being the second leading cause of death after cardiovascular diseases. Unfortunately, the number of cancer cases is projected to rise from 20 million in 2022 to over 35 million by 2050, representing an increase of 77%. This trend cannot be attributed solely to an aging population and improved screening methods. It is well established that lifestyle and environmental factors significantly influence cancer risk. In fact, it is estimated that 30% to 50% of all cancer cases are preventable, notably by implementing healthy eating habits, maintaining a healthy weight range, practicing physical activity, and reducing sedentary behavior. Thanks to early detection and advances in treatment, the number of individuals living with or having survived cancer has been rising rapidly. The challenge now is not just to treat, but also to minimize the impact on quality of life, as well as mitigating the risks of further morbidity and mortality. Alongside managing alcohol and tobacco consumption, nutritional factors play a role both during and after cancer, particularly in influencing disease prognosis, quality of life, comorbidities, cancer recurrence, and the development of secondary cancers. Therefore, whether in primary prevention, during cancer treatments, or in cancer survivorship, nutritional factors represent a key strategy for alleviating the overall burden of cancer. The NACRe network (Nutrition, Physical Activity, Cancer, Research) aims to mitigate the public health burden of cancer (before, during, and after diagnosis), through transdisciplinary collaborative research. NACRe gathers, to date, more than 500 experts in France in the field of nutrition and cancer. In addition to its role in fostering collaborative and transdisciplinary research, NACRe also plays a role in training healthcare professionals, in public and patients' empowerment through knowledge transfer from science to society, as well as a role in conducting collective expertise to inform policymakers. Initially focused on French teams since its creation in 2000, the network is now expanding its scope to Europe to encourage largescale research in nutrition and cancer, for a better understanding of the role of nutrition in cancer prevention and management. This symposium will be a great opportunity to launch the European NACRe network, beyond French borders. Our symposium will be structured into 3 presentations: "NACRe network: structure, actions and selected projects in France, launching of a European network", by Bernard Srouf and Mathilde Touvier ; "Gut microbiome in cancer and associated metabolic disorders" by Laure Bindels and "Diet, WCRF guideline compliance, mechanisms of recurrence and improving cancer survival outcomes - a summary of ongoing research in Newcastle University" by Bernard Corfe. Networking discussions with the attendees will follow.

LISTE DES INTERVENANTS

CHAIR(S)

A. CARRIER
M. TOUVIER

11:15 - 11:45

**NACRE NETWORK: STRUCTURE, ACTIONS AND SELECTED PROJECTS IN FRANCE,
LAUNCHING OF A EUROPEAN NETWORK**

M. TOUVIER
B. SROUR

11:45 - 12:15

**DIET, WCRF GUIDELINE COMPLIANCE, MECHANISMS OF RECURRENCE AND IMPROVING
CANCER SURVIVAL OUTCOMES - A SUMMARY OF ONGOING RESEARCH IN NEWCASTLE
UNIVERSITY**

B. CORFE

12:15 - 12:45

GUT MICROBIOME IN CANCER AND ASSOCIATED METABOLIC DISORDERS

L. BINDELS

Tuesday August 26th

11:15 - 12:45

CURRENT AND EMERGING USE OF NUTRIENT PROFILE MODELS- WHAT DOES THE FUTURE HOLD?

SY064

SCIENTIFIC SYMPOSIUM

Room 251



DESCRIPTION

90-minutes program: Introduction; Mark Wijne, Research Director at ATNi (5 min) Presentation 1: Sector alignment on the use of Nutrient Profile Models (NPMs); Brenda de Kok, ATNi. (10 min) Presentation 2: A global overview of nutritional quality of packaged foods and beverage portfolios; Babs Ates, ATNi (10 min) Presentation 3: Combining health and environmental impact measures of products, prof. Mike Rayner, Oxford Population Health (20 min) Presentation 4: New policy approach: combining HFSS criteria with UPF criteria, dr. Elizabeth Dunford, TGI. Concluding remarks: Mark Wijne, Research director at ATNi (5 min). Q&A with audience (20-25 min) The symposium will present and discuss various approaches and perspectives on nutrient profiling and applications for corporate accountability and supporting policy interventions. The objective is to offer participants the latest insights on sector alignment regarding the use and performance of current NPMs. A global perspective on the nutritional quality of packaged food and beverage portfolios will be presented — highlighting key findings and recommendations. Additionally, new approaches will be presented that integrate micronutrient content, combine health and environmental impacts, as well as a novel method that integrates HFSS criteria with UPF criteria for assessing products and portfolios. Finally, participants will have the opportunity to engage with experts during a Q&A session, fostering discussion and exchange for future ideas. Nutrient profiling is crucial for shaping healthier, sustainable food systems by providing a scientific basis for evaluating food quality. A harmonized approach to defining healthy foods is key. Delphi research shows sector alignment on NPMs has been effective. Furthermore, a global overview of the nutritional quality of packaged food and beverage portfolios highlights the current state and offers actionable recommendations. In addition to current applications of NPMs, there is high value in exploring innovative approaches that integrate micronutrient levels, both health and environmental impacts, as well as an approach to simplify and standardize the identification of less healthy products, combining HFSS criteria with UPF criteria. As these integrated approaches evolve, they could provide a comprehensive framework to inform policy, research, and accountability mechanisms, ultimately enabling healthier, more sustainable food choices.

LISTE DES INTERVENANTS

MANAGER

B. DE KOK

CHAIR(S)

B. DE KOK

M. WIJNE

11:15 - 11:25

SECTOR ALIGNMENT ON THE USE OF NUTRIENT PROFILE MODELS (NPMS)

B. DE KOK

11:25 - 11:35

A GLOBAL OVERVIEW OF NUTRITIONAL QUALITY OF PACKAGED FOODS AND BEVERAGE PORTFOLIOS

B. ATES

11:35 - 11:45

NEW POLICY APPROACH: COMBINING HFSS CRITERIA WITH UPF CRITERIA

E. DUNFORD

11:45 - 11:50

INTRODUCTION

M. WIJNE

11:50 - 12:10

COMBINING HEALTH AND ENVIRONMENTAL IMPACT MEASURES OF PRODUCTS

M. RAYNER

Tuesday August 26th

11:15 - 12:45

SCIENCE-BASED FOOD CLASSIFICATION CENTERED ON PROCESSING AND FORMULATION – FOR PUBLIC HEALTH

SY065

SCIENTIFIC SYMPOSIUM

Room 252A



DESCRIPTION

In this session, presenters will highlight the current global thinking around food classification based on processing and formulation, to include positives and critiques, and describe efforts to ensure a scientific approach to better align research and ensure positive health outcomes. The objectives of this session are to: 1) Convey the diversity of perspectives on food classification based on processing and formulation from the published literature and research underway, to include strengths and limitations of existing systems; 2) Describe efforts to develop science-based approaches and consensus Principles for classifying foods based on processing and formulation to support health, to include work of IUFOST, IAFNS, and the University of Copenhagen. Controversy has ignited around food classification systems based on variable criteria that incorporate some degree of food processing and/or characteristics related to food formulation. Several studies have documented challenges with and discrepancies across these definitions, finding that categorization of foods varies widely both within a system and across systems (the same investigators applying different systems to one set of foods). In 4Q 2024, the US Dietary Guidelines Advisory Committee struggled with evaluating the relationship between dietary patterns containing various amounts of ultra-processed foods (UPF), and was unable to arrive at a recommendation. At the same time, authorities in other areas of the world have implemented guidance and policies around UPF. There is an opportunity to engage the scientific community to address these controversies and challenges with science – to ensure that food classification based on processing and formulation leads to impactful dietary guidance and policy. This session will review key research completed and underway that addresses outstanding questions about UPF mechanisms. In addition, the session will cover the specific efforts of the International Union of Food Science and Technology's Food Processing for Nutrition, Diet, and Health Task Force to develop a quantitative approach to evaluating effects of processing on nutrient composition, the Institute for the Advancement of Food and Nutrition Sciences' work to develop guiding principles for food classification, and work at the University of Copenhagen to develop the next generation of the Nova classification by taking the nutritional composition and the food matrix into consideration.

LISTE DES INTERVENANTS

CHAIR(S)

J. SLAVIN

11:15 - 11:30

TBC

C. FORDE

11:30 - 11:45

TBC

E. WINDHAB

11:45 - 12:00

TBC

J. SLAVIN

12:00 - 12:15

TBC

M. ESTEVEZ

12:15 - 12:30

TBC

S. BUGEL

Tuesday August 26th

11:15 - 12:45

GETTING BACK ON TRACK TO MEET GLOBAL ANAEMIA REDUCTION TARGETS- LANCET HAEMATOLOGY COMMISSION

SY066

SCIENTIFIC SYMPOSIUM

Room 252B



DESCRIPTION

This symposium will provide an overview of key recommendations from the Commission offering a comprehensive understanding of the current challenges and the path forward for anaemia control. The proposed programme of the symposium is as follows: 1) Overview of Lancet Commission (5min) 2) Unachievable targets and a better approach to set future targets (20min) 3) Global anaemia data gaps and recommendations: with reference to emerging challenges post-USAID funding cuts (15min) 4) Evidence and knowledge gaps of anaemia: biology, epidemiology and public health (15min) 5) Recommendations (10min) 6) Panel Discussion (includes audience Q & A) (25min) This Commission aims to catalyze progress in anaemia control worldwide by: Exploring the limitations of current anaemia control strategies. Identifying gaps in our understanding of anaemia, including basic science, epidemiology and clinical interventions. Providing actionable recommendations for how improved knowledge could be implemented to reshape anaemia control over the short, medium and longer term, at national and global levels. Evaluating the quality and unmet needs in data underlying global estimates that enable us to track progress. Introducing a new mathematical approach for setting future targets in global health initiatives. By attending, the audience will gain insights into global trends in anaemia, evidence-based research priorities, and innovative strategies for improving anaemia prevention, interventions, and governance. To accelerate progress in reducing anaemia, it is essential to examine the reasons behind the failure to meet global targets and identify critical gaps in basic, translational and implementation science that hinder progress. This Commission is being launched midway through a decade marked by unprecedented disruptions to global health and nutrition including the impacts of the COVID-19 pandemic, rising conflicts, and subsequent economic shocks that have a negative impact on food insecurity. It also comes as the world begins to recognise the complex impacts of global warming on health and nutrition. This commission brings together a diverse team, including senior, mid- and early-career researchers, clinicians and policymakers from over 20 countries, with representation from 11 low- and middle- income countries.

LISTE DES INTERVENANTS

MANAGER

S. LEUNG

CHAIR(S)

P. SUCHDEV

S. ATKINSON

11:15 - 11:20

OVERVIEW OF LANCET HAEMATOLOGY COMMISSION OF ANAEMIA

L.L. SMITH

11:20 - 11:40

UNACHIEVABLE TARGETS AND A BETTER APPROACH TO SET FUTURE TARGETS

M. BODE

11:40 - 11:55

GLOBAL ANAEMIA DATA GAPS AND RECOMMENDATIONS: ADDRESSING EMERGING CHALLENGES POST-USAID FUNDING CUTS

S. NAMASTE

11:55 - 12:10

EVIDENCE AND KNOWLEDGE GAPS OF ANAEMIA: BIOLOGY, EPIDEMIOLOGY AND PUBLIC HEALTH

M. MWANGI

S. ATKINSON

12:10 - 12:20

COMMISSION'S CALL TO ACTION: KEY RECOMMENDATIONS

P. SUCHDEV

12:20 - 12:45

PANEL DISCUSSION AND AUDIENCE Q & A

S.R. PASRICHA

S. ATKINSON

P. SUCHDEV

S. NAMASTE

M. MWANGI

C. CERAMI

B. CARDUCCI

M. BODE

P. WINICHAGOON

Tuesday August 26th

11:15 - 12:45

SARCOPENIC OBESITY- FROM DEFINITION TO MANAGEMENT

SY067

SCIENTIFIC SYMPOSIUM

Room 253



DESCRIPTION

Sarcopenic obesity is a condition characterized by the co-existence of excess body fat and reduced muscle mass and function. Three experts will share their research and approaches regarding the definition, health outcomes, physiopathology and management strategies for this complex clinical condition. Definition and Health Outcomes of Sarcopenic Obesity - Lorenzo Donini The first speaker will open the symposium with an overview of sarcopenic obesity, focusing on the definition and its diagnostic criteria . The significant health risks associated with the condition will be also presented, notably impaired mobility, increased frailty, metabolic disturbances, and higher mortality rates, particularly in older adults. Lean Mass Defense and Protein Metabolism in Obesity - Yves Boirie As obesity tends to exacerbate muscle loss through changes in protein turnover and inflammation, maintaining muscle mass becomes critical. This presentation will focus on the complex interplay between fat and muscle tissue in obese individuals, and the role of protein intake and muscle protein synthesis in preventing the negative effects of sarcopenic obesity. Prevention and Treatment of Sarcopenic Obesity through Nutrition, Exercise, and Technology in the SO-NUTS Project - Peter Weijts The last presentation will deal with the results of the SO-NUTS project, an initiative exploring the integration of nutritional strategies, physical exercise, and technological innovations for the prevention and treatment of sarcopenic obesity. The multidisciplinary approaches aimed at improving the management of this condition will be described, with a focus on the importance of nutrition, exercise (resistance and endurance), and digital tools for personalized patient follow-up. This symposium will address the multifaceted nature of sarcopenic obesity, shedding light on its definition, underlying mechanisms, and its impact on overall health and quality of life. It will also highlight the latest strategies for managing and preventing this condition through life style changes behaviour and innovative technologies. Sarcopenic obesity is a growing health concern, particularly among aging populations and individuals with metabolic disorders. However, it is largely underdiagnosed and treatments and management remain to be defined, particularly due to poor knowledges of the pathophysiology. The symposium will thus provide a well-rounded perspective on sarcopenic obesity, offering valuable insights for clinicians, researchers, and healthcare professionals seeking to improve outcomes for patients. These presentations will also highlight the need for ongoing research and collaboration to better understand this condition and develop effective, evidence-based solutions.

LISTE DES INTERVENANTS

MANAGER

C. GUILLET

CHAIR(S)

C. GUILLET

F. JOLY

11:15 - 11:45

DEFINITION AND HEALTH OUTCOMES OF SARCOPENIC OBESITY

L. DONINI

11:45 - 12:15

PREVENTION AND TREATMENT OF SARCOPENIC OBESITY THROUGH NUTRITION, EXERCISE, AND TECHNOLOGY IN THE SO-NUTS PROJECT

P. WEIJS

12:15 - 12:45

LEAN MASS DEFENSE AND PROTEIN METABOLISM IN OBESITY

Y. BOIRIE

Tuesday August 26th

11:15 - 12:45

30 YEARS OF ENLP- NURTURING NUTRITION LEADERSHIP FOR POSITIVE CHANGE – LESSONS LEARNED AND FUTURE DIRECTIONS

SY068

SCIENTIFIC SYMPOSIUM

Room 341



DESCRIPTION

This symposium, organized by the European Nutrition Leadership Platform (ENLP), will focus on nurturing nutrition leadership to maximize impact on global nutrition issues. Through a series of short presentations followed by an interactive workshop, the chairs and the speakers will highlight the need for structured leadership development in nutrition professionals and the value of a network of future leaders in the field. To stimulate thought and discussion on the impact of nurturing nutrition leadership and supporting professionals from all locations and disciplines to find creative ways to use leadership skills to solve global nutrition issues. The European Nutrition Leadership Platform (ENLP) first began in 1994 and is a dynamic network of 1000+ food and nutrition professionals that makes a difference through improving non-scientific, transferable skills such as leadership, communication and influencing. Other Nutrition Leadership Platforms (NLPs) have been established in Africa (ANLP), Latin - America (LANLP), the Middle East (MENLP), Oceania (ONLP), and South-East (SEA-NLP) and we all share a common understanding of leadership which is the "ability to lead from where you stand". Drawing on 30 years of experience, this symposium focuses on how nurturing leadership in food and nutrition helps to accelerate positive change and deliver sustainable food and nutrition for global health. In this interactive workshop participants will share experience and views on future directions and how the power of networks established through NLPs are leveraged to address global nutrition issues. The symposium will be Chaired by Alison Gallagher (Chair of ENLP Board) and Antonis Vlassopoulos (ENLP Alumni Coordinator). Following an introduction to ENLP and the impact of NLPs to date, a series of speakers drawn from NLP Alumni will each inspire us with their real experiences of impactful nutrition leadership. These short presentations will focus on the power of personal development, leadership, networking and the benefits of mentoring as a means of delivering the challenges of sustainable food for planetary health. Next, we'll dive into an interactive workshop where the audience can openly share their thoughts and experiences. We will work together in groups to identify areas in their current field which could benefit from improving leadership skills. The session will conclude with a consensus building exercise between groups on future needs and directions.

LISTE DES INTERVENANTS

CHAIR(S)

A. GALLAGHER

A. VLASSOPOULOS

11:15 - 11:35

TBC

M. SOKOLOVIC

11:35 - 11:55

TBC

N. IVANOVIĆ

11:55 - 12:15

TBC

N. GAUSSERES

12:15 - 12:35

TBC

T. HILL

Tuesday August 26th

11:15 - 12:45

FROM PRODUCTION TO CONSUMERS- HOW TO BETTER ALIGN BIODIVERSITY AND DIETARY MEASUREMENTS TO ASSESS THEIR IMPACTS

SY069

SCIENTIFIC SYMPOSIUM

Room 342A



DESCRIPTION

The general presentation will set the stage for the symposium by explaining why measuring the biodiversity – diet link is crucial, what the current challenges are, and how this symposium will contribute to advancing the discussion and ultimately support the implementation of the international initiative on biodiversity for food and nutrition. The presentation, and the symposium as a whole, aim to encourage participants to critically evaluate whether current measures and indicators highlight the link between biodiversity and diets. The session will examine how the relationship between biodiversity and diets is currently measured and where methodological gaps remains. Specifically, it will: 1) seek to review existing metrics for biodiversity at production, market environment, and dietary intake; 2) explore inconsistencies and misalignments across the food systems that prevent a holistic assessment of the relationship between biodiversity and diets; and 3) identify opportunities to harmonize measurement frameworks to better evaluate to evaluate how biodiversity and healthy diets enhance each other. As biodiversity loss dramatically affects food systems and their ability to deliver healthy diets for all, there is an increasingly urgent need to understand the multifaceted links between biodiversity and the core principles of healthy diets: adequacy, balance, moderation and diversity. The relationship between biodiversity and healthy diets is seldom supported by robust empirical evidence. Adopting a food systems approach reveals a critical gap in metrics needed to identify suitable indicators for food production, distribution, markets and consumption to assess the relationship between biodiversity and diets.

LISTE DES INTERVENANTS

CHAIR(S)

C. TERMOTE

L.M.. NEUFELD

11:15 - 11:45

TBC

C. VILLANI

11:45 - 12:15

TBC

C. TERMOTE

12:15 - 12:45

TBC

L.M.. NEUFELD

Tuesday August 26th

11:15 - 12:45

HOW DO FOOD ENVIRONMENTS SHAPE ADOLESCENT DIETS? EVIDENCE FROM GHANA, ETHIOPIA, VIETNAM, NEPAL, INDIA, AND BANGLADESH

SY070

SCIENTIFIC SYMPOSIUM

Room 342B



DESCRIPTION

Urbanization has catalyzed rapid changes in food environments and contributed to significant shifts in lifestyle and dietary patterns. It has triggered unhealthy dietary habits, characterized by an increased intake of ultra-processed foods and sugar-sweetened beverages. Adolescents are particularly susceptible to the influence of changing food environments as they go through a period of rapid physical, cognitive, and psychosocial growth and development. Yet, there remains a dearth of evidence on food environments in low- and middle-income countries (LMICs), the healthiness of adolescent diets, and the association between both. Funded by Global Affairs Canada and the CGIAR Initiatives on Sustainable Healthy Diets and on Transforming Agrifood Systems in South Asia, researchers from the Ethiopian Public Health Institute, the University of Ghana, the Vietnam National Institute of Nutrition, IFPRI, and Wageningen University have studied adolescent nutrition, diets, and food environments across countries in Africa and Asia. Presentations will cover the healthiness of adolescent diets in the 6 study countries; the availability and accessibility of healthy and unhealthy foods across a wide range of settings; and the extent to which adolescent food choice autonomy and the degree of direct adolescent engagement with the food environment affects dietary outcomes. Using primary data from 6 LMICs our symposium will address the following questions: What is the healthiness of adolescent diets across settings? Does the availability and accessibility of healthy and unhealthy foods differ by neighborhood socio-economic profile, by urbanicity, and between the home and school environment? Does adolescents' independence in making food choices and the degree to which they directly engage with the food environment affect the adequacy and healthiness of their diet? Food environments in LMICs are undergoing dramatic changes. Ultra-processed foods have become ubiquitous and heavily consumed in both urban and rural areas. These foods cater to busy consumers' increasing demand for convenience. Food marketing is largely geared toward promoting ultra-processed foods and beverages. Children and adolescents in particular are exposed to high volumes of such marketing. Adolescent diets and nutrition have received increasing attention in the past decade, but evidence is nevertheless still limited. The food environment as a driver of adolescent diets and nutrition in LMICs has not been carefully studied. The role of food environments warrants greater research attention to better understand how food environments are impacting diets and to identify entry points for interventions. The proposed symposium seeks to fill this evidence gap.

LISTE DES INTERVENANTS

MANAGER

J. LEROY

CHAIR(S)

J. LEROY

11:15 - 11:30

TBC

E. BECQUEY

11:30 - 11:45

TBC

G. FRETES

11:45 - 12:00

TBC

M. GIRMA

12:00 - 12:15

TBC

L. HUYBREGTS

12:15 - 12:30

TBC

S. SCOTT

Wednesday August 27th

08:00 - 09:30

REDEFINING FOOD PROCESSING - CRITICAL INTERVENTIONS ENABLING FOOD SECURITY, SUPPORTING CONSUMER NEEDS AND SUSTAINABILITY OF GLOBAL FOOD SYSTEMS (IUFOST-UNIDO SESSION)

SY071

SCIENTIFIC SYMPOSIUM

Grand Amphitheatre



DESCRIPTION

Food processing is a series of interventions where methods and techniques are used to transform raw food materials into products that are safe, palatable, and convenient for consumption, possibly with a better food safety profile and a longer shelf life. Processing includes a wide range of physical, chemical, and biological operations that enhance flavor, texture and even the accessibility of foods. Food processing offers valuable contributions to food safety and food security. Yet misconceptions persist associating “All Processed Foods” with an “Unhealthy Food Status”. Such misconceptions fail to identify the benefits of freezing or pasteurizing as processing interventions, where key nutritional benefits may be preserved when we rely on the non-thermal pasteurization techniques currently in play. Science and Policy discussions continue with the aim to offer approaches of food classification, that account for a diversity of parameters including processing and formulation, amongst others. A clear framework for assessing the health impact of food products, well designed and methodologically sound classification systems empower individuals to make informed dietary choices and equip policymakers to implement effective and evidence-based regulations. This session will highlight the policy agendas possibly impacted by food classification systems, supporting consumers’ health and the development of sustainable food production systems. The IUFOST-UNIDO Food Processing Platform will be discussed as an enabler to food processing solutions serving sustainable and resilient food systems. Also showcased will be the collaboration between the food science and nutrition science communities exemplified by the partnership being shaped between the International Union of Food Science and Technology (IUFOST) and the International Union of Nutrition Science (IUNS) and the role it ought to play as a cornerstone for the continued methodological development and research related to well-defined food classification systems that inform regulatory frameworks and policy decisions.

LISTE DES INTERVENANTS

MANAGER

J. MEECH

CHAIR(S)

J. MEECH

08:00 - 08:15

TBC

A. BADARNEH

08:15 - 08:30

TBC

S. GODEFROY

08:30 - 08:45

TBC

C.J. HENRY

08:45 - 09:00

TBC

B. SCHNEEMAN

09:00 - 09:15

TBC

E. WINDHAB

09:15 - 09:30

TBC

J. MEECH

Wednesday August 27th

08:00 - 09:30

NUTRITION AND LIFESTYLE INTERVENTIONS FOR HEALTHY AGING

SY072

SCIENTIFIC SYMPOSIUM

Amphitheatre Bleu



DESCRIPTION

The session will feature three talks: 1) Healthy Ageing: Exploring Biomarkers, Hallmarks, and Nutritional Strategies—Findings from Multistakeholder Workshop (Philippe de Souto Barreto) 2) Gut Microbiome and Healthy Aging: the case of the Centenarians at the Nicoya Peninsula, Costa Rica Gut Microbiome and Healthy Aging: the case of the Centenarians at the Nicoya Peninsula, Costa Rica (Adrian Pinto-Thomas) 3) Raising Awareness of Sarcopenia (Roger Fielding) This session aims to explore the scientific findings and practical implications surrounding healthy aging, focusing on biomarkers, nutritional strategies, and the gut microbiome. The session will highlight how different approaches—both biological and societal—can enhance the health span of aging populations. It also seeks to raise awareness about sarcopenia, a common age-related condition, and provide insights into strategies for prevention. Healthy Ageing: Exploring Biomarkers, Hallmarks, and Nutritional Strategies—This talk will present insights from a multistakeholder workshop, discussing key biomarkers and hallmarks of aging, as well as nutritional interventions that can promote healthy aging. Gut Microbiome and Healthy Aging: the Case of the Centenarians at Nicoya Peninsula—Drawing from the unique population of centenarians in Costa Rica, this talk will explore the relationship between gut microbiota and longevity, presenting research on how the microbiome contributes to healthy aging. Raising Awareness of Sarcopenia—This final talk will address the growing prevalence of sarcopenia in older adults, underscoring the importance of early detection, prevention strategies, and nutritional interventions to maintain muscle mass and function.

LISTE DES INTERVENANTS

MANAGER

S. VIDRY

CHAIR(S)

R. FIELDING

08:00 - 08:30

TBC

P. DE SOUTO BARRETO

08:30 - 09:00

TBC

H. LEON

09:00 - 09:30

TBC

A. PINTO-THOMAS

Wednesday August 27th

08:00 - 09:30

ADVANCING NUTRITION AND SUSTAINABLE FOOD SYSTEMS IN THE NORDIC REGION – LESSONS LEARNED FOR REGIONAL AND GLOBAL IMPACT

SY074

SCIENTIFIC SYMPOSIUM

Room 241



DESCRIPTION

This symposium will bring together a diverse group of speakers/panelists including scientists, young voices, alongside policymakers, and key UN agencies, to discuss topics relevant to nutrition, climate change, and sustainable food practices in the Nordic region, exploring state-of the art science, possible solutions, and discussing how to scale them. The proposed agenda format includes: a welcome by an organizer representative, opening remarks from a high-level individual, three invited speakers, a moderated panel discussion including Q&A with the audience. We will ensure geographic and gender balance, engagement of a mix of countries and other actors including young voices. Welcome, TBC (1 min) Opening high-level remarks, TBC (2 min) Presentation 1 topic, TBC (20 min) Presentation 2 topic, TBC (20 min) Presentation 3 topic, TBC (20 min) Moderated panel discussion, and Q&A with audience (25 min) Closing remarks, TBC (2 min) This symposium will present science and discuss solutions on (TBD) Pathways toward sustainable food systems that align with the Nordic nutrition recommendations which include both reference values for nutrients and food based dietary guidelines Required changes in the diet in the Nordic countries towards sustainable diets and the impact on adequate micronutrients intake in all population groups Environmental, health, and risk considerations of aquatic food in Nordic diets, balancing its nutritional value with sustainability challenges and potential health risks. Time is running out to achieve the Sustainable Development Goals (SDGs), particularly SDG 2 on zero hunger, SDG 3 on good health, SDG 12 on responsible consumption and production, SDG 13 on climate action, and SDG 14 on life below water. Especially SDG 14 is of high relevance as pollution and exploitation are threatening the use of aquatic food for human consumption. Success across all 17 SDGs requires stronger systems thinking, science-based policy translation, and promotion of best practices. The Nordic countries are leaders in health, nutrition, and sustainability, with newly developed dietary guidelines and environmental policies that serve as global models. However, challenges like climate change and resource constraints demand a closer look at how food systems can sustainably meet nutritional needs while also reducing environmental impacts.

LISTE DES INTERVENANTS

MANAGER

M.W. MARKHUS

CHAIR(S)

M.W. MARKHUS

08:00 - 08:10

TBC

B.E. BIRGISDÓTTIR

08:10 - 08:20

TBC

C.T.. DAMSGAARD

08:20 - 08:30

TBC

J. DIERKES

08:30 - 08:40

TBC

L. GORDON

08:40 - 08:50

TBC

N.E. KAARTINEN

08:50 - 09:00

TBC

L. KORKALO

09:00 - 09:10

TBC

A. MAAGE

09:10 - 09:20

TBC

L.M.. NEUFELD

Wednesday August 27th

08:00 - 09:30

DEVELOPMENT AND APPLICATION OF NEW NUTRIENT PROFILE MODELS TO LEAD HEALTHIER DIET FOR ALL- JAPAN'S PROPOSAL TO THE WORLD ON CREATION OF A HEALTHY AND SUSTAINABLE FOOD ENVIRONMENT

SY078

SCIENTIFIC SYMPOSIUM

Room 251



DESCRIPTION

After four presentations (60 minutes), there will be a panel discussion (30 minutes). The themes of the presentations are: 1) the importance of creating a healthy and sustainable food environment to address health issues in Asia 2) Nutrition policies and actions for creating a healthy and sustainable food environment to address health issues in Japan 3) the methodology of the nutrient profile models in Japan and their application to other countries 4) Current status and challenges of nutrition policies and actions to address health issues in Singapore. In the panel discussion the panelists will discuss what more is expected for new nutrient profile models in Japan, based on their respective perspectives, and share the significance and challenges of its use to create a healthy and sustainable food environment. This symposium will provide an overview of the concepts and methodology of Japan's new nutrient profile models, and share the significance and challenges of its use them to create a healthy and sustainable food environment. Nutrient profiling is the science of classifying or ranking foods according to their nutritional composition for reasons related to disease prevention and health promotion. Nutrient profile models have been developed and are being used in multiple countries. Food business operators can improve their food products by using nutrient profile models, thereby making healthier foods more accessible to people. Various nutrient profile models have been developed and used in various forms around the world. However, there are some foods that cannot be covered by existing models due to the characteristics of foods. Therefore, in Japan, we have developed new nutrient profile models that can evaluate foods in accordance with actual dietary conditions, including such foods. We believe that the methodology used in this development can be widely applied not only to Japan but also to other countries around the world. These models can be leveraged by more food business operators to lead healthier diet.

LISTE DES INTERVENANTS

MANAGER

M. NISHIO

CHAIR(S)

H. TAKIMOTO

08:00 - 08:15

THE IMPORTANCE OF CREATING A HEALTHY AND SUSTAINABLE FOOD ENVIRONMENT TO ADDRESS HEALTH ISSUES IN ASIA

08:15 - 08:30

NUTRITION POLICIES AND ACTIONS FOR CREATING A HEALTHY AND SUSTAINABLE FOOD ENVIRONMENT TO ADDRESS HEALTH ISSUES IN JAPAN

08:30 - 08:45

THE METHODOLOGY OF THE NUTRIENT PROFILE MODELS IN JAPAN AND THEIR APPLICATION TO OTHER COUNTRIES

08:45 - 09:00

CURRENT STATUS AND CHALLENGES OF NUTRITION POLICIES AND ACTIONS TO ADDRESS HEALTH ISSUES IN SINGAPORE

09:00 - 09:00

PANEL DISCUSSION

Wednesday August 27th

08:00 - 09:30

AN END-TO-END FOOD SYSTEMS APPROACH TO INCREASING FRUIT AND VEGETABLE INTAKE IN TANZANIA

SY080

SCIENTIFIC SYMPOSIUM

Room 252B



DESCRIPTION

The Fruit and Vegetables for Sustainable Healthy Diets (FRESH) Initiative is testing the effectiveness of an end-to-end food systems approach to increasing fruit and vegetable (F&V) intake. FRESH is working closely with farmers, consumers and other value chain actors to address constraints to increasing the F&V intake such as increasing demand, accessibility, affordability and availability of F&V as well as the related policy environment. These activities are co-located in Arusha and Kilimanjaro, Tanzania. The impact of the supply-side activities (year 1) and the full approach (year 2 and beyond) is being assessed. The symposium presenters will describe the roll-out of the FRESH approach in Tanzania and will highlight findings from the baseline and one-year follow-up studies on women's dietary intake and the accessibility and affordability of healthy diets in the program area. Presenters will also highlight how germplasm collection of nutrient dense vegetables and related nutrition-sensitive participatory breeding based supports sustainable production of healthy vegetables and how FRESH partners are working to reduce post-harvest losses and improve food safety. Lastly, the presenters will discuss the one-year impacts of the FRESH approach and how the evidence generated can be used to support the policy environment for sustainable healthy diets. The primary drivers of insufficient intake of fruit and vegetables are due to issues around preferences or desirability, affordability, accessibility and availability of diverse and safe fruit and vegetables. These issues are often interconnected and thus require multifaceted co-located approaches to holistically address these issues. For example, more than 3 billion people cannot afford a healthy diet with fruit and vegetables often being among the least affordable foods. Diverse and safe fruit and vegetables that are affordable are often inaccessible, especially to marginalized populations. This is due in part due to availability issues that include inadequate production and high post-harvest losses among other issues. However, even when fruits and vegetables are affordable, accessible and available, intake is still too low highlighting issues around preferences. In this symposium we will examine these interconnected barriers and ways to address them to increase intake of fruit and vegetables.

LISTE DES INTERVENANTS

MANAGER

D. OLNEY

CHAIR(S)

D. OLNEY

08:00 - 08:09

TBC

M. AYENAN

08:09 - 08:18

TBC

F. AZUPOGO

08:18 - 08:27

TBC

L. BLIZNASHKA

08:27 - 08:36

TBC

J. EKMAN

08:36 - 08:45

TBC

J. KINABO

08:45 - 08:54

TBC

Q. MARSHALL

08:54 - 09:03

TBC

W. MWOMBEKI

09:03 - 09:12

TBC

M. SIBAMENYA

Wednesday August 27th

08:00 - 09:30

TWENTY YEARS OF NUTRIGENOMICS (NUGO)- PAST, PRESENT AND FUTURE PERSPECTIVES ON PRECISION NUTRITION

SY081

SCIENTIFIC SYMPOSIUM

Room 253



DESCRIPTION

In this session, three internationally renowned speakers from key NuGO research institutions will reflect on 20 years of nutrigenomic research highlights and developments, and how precision nutrition can offer real opportunities for public and clinical health impact. After a brief introduction to the session by the session chairs (5 minutes), the three talks (15-20 minutes each) will be followed by a moderated interactive discussion with the audience (30 minutes). Talk 1: 20 Years of NuGO and nutrigenomics research: highlights of paradigm-shifting nutrigenomics research. Proposed speaker: Professor John Mathers, Univ. of Newcastle, UK Talk 2: Opportunities for precision nutrition to contribute to cardiometabolic risk reduction. Proposed speaker: Professor Matthias Schulze, Dife, DE Talk 3: Future impact of precision nutrition approaches and outcomes on clinical and nutrition guidelines. Proposed speaker: Professor Marianne Geleijnse, Dutch Health Council and WUR, NL. Please note that confirmation of speakers will be finalized once we know the day and time of the symposium. Since NuGO's inception in 2003, we have seen significant developments in the area of precision nutrition, with new omics technologies and systematic analyses of detailed biological data now helping us understand why we all respond differently to diets in relation to disease development, but also to predict dietary responses as we try to lower disease risk for individuals or groups of people. Scientific advances in this area could offer important and robust tools on how we can provide personalised and more precise dietary advice. A future aim will be to incorporate new precision nutrition knowledge into clinical and public health policies, aiming for better adherence to healthier diets, and for improved individual and population health outcomes. This will require evidence from more longer-term studies, in real-life settings, and evidence on the cost efficacy of precision nutrition approaches in healthcare settings, especially when treating those diagnosed with chronic diseases. In the past 20 years, the European Nutrigenomics Organisation (NuGO) has established itself as a global leader in the research area of nutrigenomics. Initially established as an EU-funded Network of Excellence, we are now an Association of over 30 Universities and Research Institutes across Europe, USA, Australia and China, focusing on jointly developing and pioneering the existing research area of nutrigenomics, personalised and precision nutrition, and nutritional systems biology, by organising collaborative research projects, conferences, webinars, workshops and training.

LISTE DES INTERVENANTS

CHAIR(S)

S. WOPEREIS

08:00 - 08:20

TBC

B. DE ROOS

08:20 - 08:40

TBC

M. GELEIJNSE

08:40 - 09:00

TBC

J. MATHERS

09:00 - 09:20

TBC

M. SCHULZE

Wednesday August 27th

08:00 - 09:30

INTEGRATING FOOD, FARMING, NUTRITION AND HEALTH FOR A SUSTAINABLE FUTURE- LESSONS FROM ORGANIC FOOD SYSTEMS

SY082

SCIENTIFIC SYMPOSIUM

Room 341



DESCRIPTION

In this 90-minute scientific symposium we kick off with a short welcome by two representatives of the host organisation and brief opening statements by the two chairs. These all serve to introduce the topic and objectives. Thereafter we have three speakers presenting consecutively for fifteen minutes each, followed by five minutes each for questions. The audience is invited to participate fully during the ensuing plenary discussion before the chairs wrap up the session with concluding remarks. To present current topical high-quality research To bring complementary research together within the frame of one health To explore through presented research and plenary discussion what we can learn from current organic food systems To further inter- and trans-disciplinary exchanges and networking for further future research The One Health approach recognizes that the health of humans, domestic and wild animals, plants, and the environment are closely connected and interdependent. This approach aligns closely with the Principle of Health in organic agriculture. According to this principle the health of soil, plant, animal, human and planet should be sustained as one and indivisible. It emphasizes that health of individuals and communities cannot be separated from the health of ecosystems. From healthy soils to biodiversity and climate, healthy ecosystems are essential for producing crops that foster the health of animals and people. While the organic food system serves as a model for integrating these elements sustainably, most research to date has focused mainly on the environmental aspect. There is limited research that comprehensively explores the connections between public health, organic food production, and consumption. This symposium aims to foster knowledge exchange on the impact of organic systems on nutrition, diet, and human and planetary health. We will - take a public health nutrition perspective, presenting from the French Bionutrinet project--Nutrinet santé cohort, research data about the relationship of organic food consumption with dietary patterns, diet and nutrition quality, health impacts based on previous and new findings and, some impacts on resources and environment i.e. diet sustainability, - take a socio-ecological perspective, presenting on the role of community, collective action and social learning in transformation with research on Hansalim, a mature national federation of organic producer and consumer cooperatives in South Korea. - focus on how biodiversity in the farm's soil is linked to plant health and performance and how edible parts of plants are equipped with a specific microbiome, which is influenced by management. The potential role of plant-associated bacteria and the consumption of fresh produce on the gut microbiota will be an important aspect.

LISTE DES INTERVENANTS

MANAGER

C. STRASSNER

CHAIR(S)

C. STRASSNER

08:00 - 08:15

TBC

G. BERG

08:15 - 08:30

TBC

J. DOLLEY

08:30 - 08:45

TBC

J. HERTWIG

08:45 - 09:00

TBC

E. KESSE-GUYOT

09:00 - 09:15

TBC

D. LAIRON

09:15 - 09:30

TBC

M.V. VLIET

Wednesday August 27th

08:00 - 09:30

COST-EFFECTIVE SODIUM REDUCTION POLICIES- POTENTIAL IMPACT ON THE PACKAGED FOOD SUPPLY, ALONG WITH CHALLENGES AND OPPORTUNITIES IN ADVOCACY AND POLICY IMPLEMENTATION

SY083

SCIENTIFIC SYMPOSIUM

Room 342A



DESCRIPTION

This symposium will consist of a 5-min introduction, three main presentations of 18-min each, 15-min panel session, 10-min Q&A session, and 5-min wrap-up (90 minutes total). This discussion will focus on the potential effects of different sodium reduction strategies in the packaged food supply, specifically how two key policies—sodium targets and front-of-package labeling—interact across key food categories, as well as the challenges and opportunities in advocacy efforts and policy implementation. Unhealthy diets contribute to non-communicable diseases (NCDs), with excessive sodium intake linked to high blood pressure and cardiovascular diseases (CVDs). To address this, the World Health Organization suggests implementing a combination of strategies, including setting mandatory sodium targets for processed foods and adopting policies that protect consumers from unhealthy products high in nutrients of concern, including sodium. These include mandatory front-of-package labeling (FOPL) and other linked policies, such as restricting food marketing, public food procurement, school food environments, and taxes. Several countries have adopted mandatory sodium reduction targets, but only five—Argentina, Iran, Slovakia, South Africa, and Colombia—have set targets for at least five food categories. South Africa’s experience demonstrates effectiveness, with 67% of targeted products meeting sodium limits in the initial phase. Similarly, mandatory ‘high in’ or ‘excess’ FOPL initiatives that include sodium have been implemented in Argentina, Brazil, Canada, Chile, Colombia, Israel, Mexico, Peru, Uruguay, and Venezuela. Although most of these countries are still in the early stages of implementation, Chile has fully enacted all phases of its policy, influencing consumer purchasing behaviors, promoting food reformulation, and driving dietary changes. Chile, Argentina, Colombia, and Mexico have adopted a comprehensive approach, where products with ‘high in’ or ‘excess’ FOPL are also subject to other linked policies. This approach strengthens the impact by delivering a consistent message across multiple touchpoints. However, the interaction between sodium targets, FOPL, and linked policies in the packaged food supply remains unclear. Some food categories will inherently be ‘high in’ sodium, even with reformulation targets. FOPL helps consumers identify these products, while complementary policies, such as marketing restrictions and taxes, discourage their purchase. In contrast, the absence of FOPL and other restrictions does not guarantee that a product contains the lowest feasible level of sodium. In this context, sodium targets play a crucial role in protecting consumers from excessive sodium intake. This session explores country experiences in implementing and monitoring sodium targets, FOPL, and linked policies, examining their interaction in the packaged food supply.

LISTE DES INTERVENANTS

MANAGER

N. FLEXNER

SPEAKER(S)

L.S. TAILLIE

CHAIR(S)

N. FLEXNER

Wednesday August 27th

08:00 - 09:30

SUSTAINABLE NUTRITION IN LATIN AMERICAN COUNTRIES- LESSONS LEARNED AND CHALLENGES

SY079

SCIENTIFIC SYMPOSIUM

Room 252A



DESCRIPTION

Sustainable Nutrition, Latin America, Food Security, Nutritional Challenges, Cultural Food Practices, Sustainable Agriculture, Dietary Diversity, Health and Nutrition Policies, Local Food Systems, Traditional Diets, Nutritional Inequality, Food Sovereignty, Community-Based Approaches, Agricultural Sustainability, Nutrition Education, Public Health Nutrition, Globalization and Food Systems, Food Access and Equity, Healthy Eating Practices, Environmental Impact of Diets, Malnutrition and Obesity, Food Policy and Reform, Sustainable Food Production, Indigenous Food Systems, Food Waste and Sustainability, Regional Health Disparities, Social and Economic Factors in Nutrition Mediterranean Diet in Chile: A Global Model for Sustainable Nutrition and Health Nutritional Education: Adherence to Dairy and Fruits and Vegetables Adhesion of Two Heme Iron-Based Meat Products Sustainability: Do Food Systems have the Long-Term Capacity to Provide Food Security and Nutrition Today and in the Future? Current State of Food Systems in Colombia, with a View to Sustainability FEPANS is the Federation of Pan-American Nutrition Societies, supported by: Argentine Society of Nutrition – SAN Brazilian Society of Food and Nutrition SBAN Chilean Society of Nutrition – SOCHINUT Paraguayan Society of Nutrition - SPN Canadian Nutrition Society – CNS American Society for Nutrition – ASN

LISTE DES INTERVENANTS

CHAIR(S)

E. SOLIS PÉREZ

08:00 - 08:15

TBC

G. MORALES

08:15 - 08:30

TBC

L.C. NATACCI

08:30 - 08:45

TBC

A.M. RUIZ PINEDA

08:45 - 09:00

TBC

R. FERNÁNDEZ CONDORI

09:00 - 09:15

TBC

S. LONGO

Wednesday August 27th

08:00 - 09:30

BUILDING SUSTAINABLE LEADERSHIP FOR SUSTAINABLE NUTRITION

SY084

SCIENTIFIC SYMPOSIUM

Room 342B



DESCRIPTION

The symposium is organised by a consortium of leaders in nutrition that are also involved in the various nutrition leadership programmes globally. The symposium is structured in such a way that we start of with a plenary speaker who gives an introduction to leadership and leadership development and how it relates to change in the nutrition space. We will present an overview of many of the initiatives that are taking place globally. The second part of the symposium will be a panel discussion where panellists will share their experience and best practice in developing leadership capabilities that are relevant for change in nutrition from their respective vantage points. Create a common understanding of leadership and why it is important in the nutrition context. Create an awareness of the importance of sustainable leadership, development and what that might look like in practice. Share experience and examples of sustainable leadership. Summarise current best practice based on the experience shared.

Developing leadership capabilities are not only part of creating an enabling environment for nutrition but is an essential part of our ability to create change in nutrition on all levels. For too long we have overfocussed on developing technical skills both at university and implementation level at the expense of developing those capabilities that are critical to effecting change.

LISTE DES INTERVENANTS

MANAGER

J. JERLING

CHAIR(S)

C. TALJAARD-KRUGELL

N. BENAJIBA

08:15 - 08:50

PANEL DISCUSSION

N. BENAJIBA

R. HEIDKAMP

E. FESKENS

W. STONEHOUSE

N. COVIC

08:50 - 09:20

INTERACTIVE Q & A

N. COVIC

W. STONEHOUSE

E. FESKENS

R. HEIDKAMP

C. TALJAARD-KRUGELL

09:20 - 09:30

SUMMARY & CLOSING

N. BENAJIBA

Wednesday August 27th

08:00 - 09:30

CHANGING FOOD SYSTEMS VERSUS NUTRITION STATUS- HOW NOVEL ISOTOPIC APPROACHES CAN HELP TO ASSESS DIET QUALITY, INTAKE AND REQUIREMENTS

SY077

SCIENTIFIC SYMPOSIUM

Room 243



DESCRIPTION

This 90-minute symposium will showcase how novel stable isotope approaches can aid our understanding of nutrient absorption from our diets, dietary intake and energy requirements. The symposium will contribute directly to the themes: climate change, sustainability and nutrition and precision and clinical nutrition. It will consist of five presentations from the IAEA, Africa, Asia and Latin America: The indispensable place of nuclear techniques in diet quality assessment in the context of complex food systems: an IAEA perspective True digestibility of plant and animal protein from Indian food matrices using a novel isotopic approach Enhancing iron bioavailability from school canteen meals with added Baobab juice in Benin Emerging stable isotope methods for dietary assessment Determining energy expenditure of infants and young children in Asia to inform the revision of energy requirements To demonstrate the added value of stable isotope approaches in deciphering the nutrition value of diets consumed globally, in assessing dietary intake and in revisiting energy requirements. Complex and dynamic food systems characterised by rapid environmental changes, urbanization, modern agriculture, environmental contamination, and climate change can affect patterns of nutritional status and human health. Climate change poses greater challenges in low- and middle-income countries where the most vulnerable populations live. Unpredictable changes in temperature and rainfall precipitation can lead to increased (ca 3-84%) global food prices, reduced nutrient value and increased food insecurity. It's postulated that rapid greenhouse gas emission will result in significant reduction in essential nutrient (iron, essential fatty acids, protein, and zinc) and increased anti-nutrient concentration in major staple crops by 2050, further exacerbating food insecurity. Consequently, consumption of nutrient-poor, calorie-rich foods will trigger related shifts in nutrient metabolism, contributing ultimately to hunger and multiple forms of malnutrition (undernourishment, micronutrient deficiencies, overweight and obesity). Food-based strategies can contribute towards addressing global hunger and malnutrition, as well as enabling vulnerable populations to adapt to environmental and socioeconomic changes. Nuclear and isotopic techniques can be used to evaluate the impact of environmental factors and climate change on the health of vulnerable populations and specifically to assess nutrient absorption from diets, dietary intake and energy requirements.

LISTE DES INTERVENANTS

MANAGER

C. LOECHL

CHAIR(S)

C. LOECHL

08:00 - 08:20

TBC

W.A. HOUNKPATIN

08:20 - 08:40

TBC

M.L. CASTRO-ACOSTA

08:40 - 09:00

TBC

P. WINICHAGOON

09:00 - 09:20

TBC

S. KASHYAP

Wednesday August 27th

11:15 - 12:45

ADVANCING GLOBAL AND NATIONAL MONITORING OF HEALTHY DIETS THROUGHOUT THE LIFE CYCLE- DATA NEEDS, EVIDENCE, RECOMMENDATIONS, AND DEMAND CREATION

SY085

SCIENTIFIC SYMPOSIUM

Grand Amphitheatre



DESCRIPTION

Monitoring healthy diets globally is essential to track progress toward health, nutrition, agriculture, and environmental sustainability goals throughout the life cycle. Challenges remain in collecting, analyzing, and using dietary data effectively for different populational groups including children, adolescents and adults. Nationally representative dietary surveys using (repeated) quantitative 24-hour recall (24-HR) are essential to nutrition information systems. Their high cost and complexity make frequent implementation challenging. To improve diet monitoring, countries need simple, affordable, and practical dietary assessment methods and metrics that can complement 24-HR surveys. The Healthy Diets Monitoring Initiative (HDMI), a partnership between FAO, WHO, and UNICEF, is intended to enable national and global decision-makers and stakeholders to monitor and achieve healthy diets for people and the planet. The initiative works through cross-country evidence generation, consensus-building guidance development, advocacy, and country support. This symposium, sponsored by the HDMI, will bring together experts to discuss country needs and evidence-based recommendations for global and national healthy diets monitoring according to need, contributing to the development of robust guidance for tracking diets worldwide. 1. Describe the range of policy and programmatic uses for global and national dietary data. 2. Present HDMI's recommendations for healthy diet metric(s) and method(s) for global monitoring purposes 3. Present which metric(s) and method(s) are most appropriate for a range of national policy and programmatic purposes. 4. Illustrate how countries can create demand for, and uptake of, dietary data for decision-making. Accurate and comparable dietary data are critical for assessing healthy diets, informing policies, and evaluating nutrition interventions nationally and globally. Despite progress, gaps persist in data availability, frequency of data collection and methodological consistency. The HDMI has conducted extensive research and consultations to understand country needs and develop improved global guidance. This symposium will share insights from this work and facilitate dialogue on strengthening dietary data systems for effective healthy diets monitoring.

LISTE DES INTERVENANTS

CHAIR(S)

J. COATES

11:15 - 11:30

TBC

I. FLEURY SATTAMINI

11:30 - 11:45

TBC

E.A. FRONGILLO

11:45 - 12:00

TBC

M. GIRMA

12:00 - 12:15

TBC

G. HANLEY-COOK

12:15 - 12:30

TBC

C. HAYASHI

Wednesday August 27th

11:15 - 12:45

BIODIVERSITY-FORWARD CLIMATE AND NUTRITION POLICIES TO ACHIEVE THE SDGS

SY098

SCIENTIFIC SYMPOSIUM

Room 342B



DESCRIPTION

The interconnected challenges of malnutrition, biodiversity loss, and climate change demand integrated approaches that address multiple aspects of the food system at the same time. This came out strongly during the Rio Convention COPs in 2024, where many were vocal about integrating food systems, diets, and nutrition into national plans on biodiversity, climate, and land. Integrated approaches are also needed to meet the 2030 Agenda for Sustainable Development, especially SDG 2 – Zero Hunger, SDG 13 - Climate Action, and SDG 15 - Life on Land. The urgency of action cannot be overstated. 1) Better understanding the linkages between biodiversity-climate change and nutrition; 2) Presentation and discussion of case studies addressing the biodiversity-climate change and diet nexus Diets worldwide are increasingly homogenous, dominated by staple crops rich in energy but poor in micronutrients and other protective compounds. Globally, populations face difficulty in consuming recommended amounts of nutrient-rich foods such as fruits, nuts and seeds, vegetables and whole grains. As a result, people often do not acquire adequate amounts of the full range of nutrients essential to human health, leading to hidden hunger and malnutrition. Food systems diversification, including dietary diversification through greater use of food biodiversity, is a key solution to the multiple forms of malnutrition – undernutrition, micronutrient deficiencies, and obesity and offers climate solutions. Diet-related nutrition problems, including NCDs, can be alleviated by shifting diets away from starchy staple-based foods and ultra-processed foods towards greater consumption of whole grains, fruits, vegetables, nuts and legumes. Focusing on climate restorative species such as fruit and nut trees and pulses, adds diversity to diets and provides net climate and environmental benefits. Reintegrating biodiversity into climate and nutrition policy requires the right enabling environment. This includes working across sectors (agriculture, education, climate, nutrition) and scales (global, regional, national and sub-national) and change levers (policies, programs, civil society). This session will focus on global, national and local efforts to weave a common narrative that promotes the use of food biodiversity for the benefit of people and planet.

LISTE DES INTERVENANTS

MANAGER

C. TERMOTE

CHAIR(S)

C. TERMOTE

11:15 - 11:30

TBC

B. EKESA

11:30 - 11:45

TBC

W.A. HOUNKPATIN

11:45 - 12:00

TBC

G. KENNEDY

12:00 - 12:15

TBC

T.T. MAI

12:15 - 12:30

TBC

D. NABUUMA

Wednesday August 27th

11:15 - 12:45

FENS PRESIDENTIAL ACTIVITY ON IMPROVING STANDARDS IN THE SCIENCE OF NUTRITION

SY087

SCIENTIFIC SYMPOSIUM

Room Maillot



DESCRIPTION

FENS ran a Presidential activity 2019-2023 focussing on ways to improve standards in the science of nutrition. The work was conducted in three working groups (and sub-groups within these) and focussed on a) concepts and methodologies; b) organisation, capabilities and funding; c) external communication and public trust. This symposium will provide an overview of the discussions and outputs of the three working groups. To present and initiate discussion around the outputs from the three working groups of the FENS Presidential activity on improving standards in the science of nutrition. This will include: 1. Discussion of the current concepts and methodologies used in human nutrition research and a critique of these. 2. Discussion of the European landscape for research funding and education in human nutrition. 3. Discussion of how nutrition researchers can better use press releases to disseminate their research findings. 4. Update on progress towards developing a nutrition extension of CONSORT reporting guidelines, the process behind this and the implications for future research. FENS ran a Presidential activity 2019-2023 focussing on ways to improve standards in the science of nutrition. The work was conducted in three working groups (and sub-groups within these) and focussed on a) concepts and methodologies; b) organisation, capabilities and funding; c) external communication and public trust. This symposium will provide an overview of the discussions and outputs of the three working groups.

LISTE DES INTERVENANTS

MANAGER

P. CALDER

CHAIR(S)

P. CALDER

11:15 - 11:35

TBC

J. DE VRIES

11:35 - 11:55

TBC

M. KOLEHMAINEN

11:55 - 12:15

TBC

F. PEREZ-CUETO

12:15 - 12:35

TBC

J. RIGUTTO-FAREBROTHER

Wednesday August 27th

11:15 - 12:45

TRANSFORMING EUROPE'S OUT-OF-HOME FOOD SECTOR- THE ROLE OF POLICY IN PROMOTING HEALTHIER CHOICES AND HOW SCIENCE CAN HELP

SY086

SCIENTIFIC SYMPOSIUM

Amphitheatre Bleu



DESCRIPTION

In this symposium, experts from various disciplines will gather to discuss and share their insights on the out-of-home food and drink sector, focusing on both private outlets (e.g. restaurants, cafés, and bars) and public services such as canteens and vending machines in settings like public schools, hospitals, and prisons, and their impact on public health in Europe. The event will look into the current state of the out-of-home landscape, highlighting the opportunities and challenges in making the sector healthier and exploring the role of policy in creating a healthier food environment. The objective of this symposium is to show the significant influence of the out-of-home sector on what people eat and to discuss strategies to make it healthier in Europe. Furthermore, it aims to highlight research gaps for supporting evidence informed policy making and explore the role of policy in creating healthier out-of-home food environments. The out-of-home food and drink sector in Europe is expanding, mainly due to factors such as changing lifestyles, demand for convenience, and urbanization. However, this increase in out-of-home consumption raises concerns about the nutritional quality of these options and their impact on public health, since they often have a less healthy nutrient profile, such as being high in calories, saturated fats, sugar, and/or salt, and low in dietary fibre. The out-of-home sector comprises various outlets from both the private and public sectors, such as private restaurants, cafes, fast food outlets, food deliveries, as well as public services like canteens and vending machines in settings such as public schools, hospitals, and prisons. In some instances, such as in a school canteen, the consumer may not have the option to choose what they want to eat, while in other settings like a restaurant or a hospital food service, offering options that align with dietary guidelines and making those the easy choice is essential for enabling consumers to make healthy choices. In any case, incorporating dietary guidelines into the out-of-home sector is increasingly important and has the potential to be a powerful policy instrument that can significantly improve public health. As people continue to rely more on convenient and accessible food options offered by the out-of-home food and drink sector, promoting healthier choices and improving nutritional quality within this sector is crucial.

LISTE DES INTERVENANTS

MANAGER

A. PEREZ CORNAGO

CHAIR(S)

A. PEREZ CORNAGO

11:15 - 11:35

TBC

A. PEREZ CORNAGO

11:35 - 11:55

TBC

M. TAN

11:55 - 12:15

TBC

S. JEBB

12:15 - 12:35

TBC

O. ZHITENEVA

Z. BHUTTA

Wednesday August 27th

11:15 - 12:45

THE RECOMMENDATION FOR THE PREVENTION AND TREATMENT OF NON-COMMUNICABLE DISEASES IS A HEALTHY LIFESTYLE—MYTH OR TRUTH?

SY091

SCIENTIFIC SYMPOSIUM

Room 243



DESCRIPTION

Keywords: Non-Communicable Diseases (NCDs); Healthy Lifestyle; Prevention Strategies; Treatment Approaches; Chronic Disease Management; Metabolism and Weight Management; Cardiovascular Health; Lifestyle Medicine; Diet and Nutrition; Physical Activity; Mental Health; Risk Factors; Health Education; Public Health Recommendations; Health Promotion; Obesity; Overweight; Cultural Impact on Health; Childhood Obesity, Health Behavior Change; Sustainable Health Practices; Risk Reduction Can Chrononutrition Be a Potential Strategy for Preventing and Managing Obesity? Implications for Public Health in Latin American Countries. Cut the Sugar: A Key Ingredient for Lifelong Cardiovascular Health from Early Childhood Ages New developments for the treatment of obesity and cardiometabolic disease Strengthening Alliances for Childhood Obesity Prevention: The Mexican-Regional Experience Therapeutic strategies for the management of patients with overweight and obesity The Federation of Pan-American Nutrition Societies (FEPANS) is supported by: Argentine Society of Nutrition – SAN Brazilian Society of Food and Nutrition SBAN Chilean Society of Nutrition – SOCHINUT Paraguayan Society of Nutrition - SPN Canadian Nutrition Society – CNS American Society for Nutrition – ASN

LISTE DES INTERVENANTS

CHAIR(S)

L.C. NATACCI

11:15 - 11:30

TBC

L. AGUAYO

11:30 - 11:45

TBC

R. CHAMORRO

11:45 - 12:00

TBC

R. FIGUEREDO GRIJALBA

12:00 - 12:15

TBC

E. SOLIS PÉREZ

Wednesday August 27th

11:15 - 12:45

NIGERIA'S DECADE OF NUTRITION TRANSFORMATION- SHOWCASING PROGRESS, CHALLENGES, AND VISION FOR 2030

SY093

SCIENTIFIC SYMPOSIUM

Room 252A



DESCRIPTION

Over the past decade, Nigeria has witnessed a remarkable transformation in its nutrition landscape, marked by groundbreaking initiatives, strengthened governance, and innovative collaborations. These achievements have set a solid foundation for tackling malnutrition, promoting food security, and improving the population's overall health. As a nation committed to achieving the Sustainable Development Goals (SDGs) and Africa's Agenda 2063, Nigeria's efforts in combating malnutrition provide a compelling narrative of progress, resilience, and innovation. Evidence suggests that Nigeria has made significant progress towards achieving some global targets including reducing anaemia and wasting, and promoting universal access to iodised salt. The session will showcase Nigeria's nutrition journey over the last decade, highlight key milestones, the policies and process adopted and implemented at the national and subnational levels, the rationale behind those actions, challenges encountered and resilient strategies to present a future forward vision by 2030. The session will bring together national stakeholders and development partners in Nigeria to serve as a platform to share lessons learned, outline roadmaps for scaling up successful interventions, and inspire global collaborations to further accelerate progress. Some of the areas of particular interest include efforts to reduce micronutrient deficiencies such as the large scale food fortification and Multiple Micronutrient Supplement drives in the country, improving nutrition service delivery, capacity development of health workers on maternal, infant and young child nutrition, expanding the coverage of key nutrition interventions in selected states using the Non-State Actors and adoption of performance-based funding in nutrition programming, as well as the deployment of innovative and indigenous community owned approaches to addressing malnutrition. Keynote address will be delivered by the Nigeria Minister of Health and Social Welfare. There will be a panel discussions featuring eight stakeholders, including the Federal Ministry of Health and Social Welfare, Office of the Vice President (N774 Initiative), the Federal Ministry of Budget and Economic Planning, Federal Ministry of Agriculture and Food Security, two Development Partners (Nutrition International and Vitamin Angels), and two indigenous organizations (Nutrition Society of Nigeria/Academia and Aliko Dangote Foundation). Expected Outcomes include increased visibility of Nigeria's nutrition achievements on the global stage, strengthened partnerships and commitments to support Nigeria's nutrition goals, identification of scalable interventions for wider adoption, and building consensus on a forward-looking vision for Nigeria's nutrition sector by 2035.

LISTE DES INTERVENANTS

MANAGER

O. ARIYO

CHAIR(S)

O. ARIYO

11:15 - 11:25

TBC

S.M. ABUBAKAR

11:25 - 11:35

TBC

L.B. AIYEBUSI

11:35 - 11:45

TBC

F. AMINU

11:45 - 11:55

TBC

S.O.. FANIRAN

11:55 - 12:05

TBC

N. KILISHI

12:05 - 12:15

TBC

F. OHANYIDO

12:15 - 12:25

TBC

O. OKONKWO

12:25 - 12:35

TBC

M.A. PATE

12:35 - 12:45

TBC

U. ROCHAS-ANWUKAH

Wednesday August 27th

11:15 - 12:45

RENVASAT- REDUCED WASTE AND ENHANCE NUTRITIONAL VALUE OF SCHOOL MEALS USING APPROPRIATE TECHNOLOGY

SY094

SCIENTIFIC SYMPOSIUM

Room 252B



DESCRIPTION

Welcome and Introduction Professor Alan Jackson and Dr Robert Fungo Presenter Introduction to RENVASAT Task Force. Professor Jeyakumar Henry Panel Discussion Moving from evidence to action. Professor Jeyakumar Henry, Professor Basma Elahi and Professor Francis Bruno Zotor Moderator and Closing Remarks Professor Alan Jackson 1. Share proposal of RENVASAT task force 2. Make a case for a platform where nutritionists and food technologists can combine their skills and experience to drive evidence-based sustainable solutions applicable to school feeding. School Feeding Programmes (SFPs) have the potential to transform human lives, enabling change for the poorest and most vulnerable in LMICs. However, programs in LMICs are vulnerable with long-term sustainability being challenged through the need to ensure a secure supply of locally produced food on a regular basis. There are ongoing threats or uncertainties in the provision of meals for children: political commitment, organization and leadership are required. The selection of foods may be poor, with overdependence on imported items because of insecure local availability. Hence the need to focus on local solutions and minimizing food losses. Identified problems to be addressed include limited application of food technology, lack of food safety/ quality control processes, poor menu optimization and high operating costs. In order to progress, food scientists have to work more closely with nutritionist; to share knowledge and expertise, supporting the sustainability of local food supplies, including home grown foods. Examples of better practice can be made more widely available by sharing of skills and capabilities within communities of practice. The RENVASAT Taskforce, involving several stakeholders, has brought momentum and new opportunities for school meals, including advocacy initiatives — The International Malnutrition Task Force (IMTF), the Federation African Nutrition Societies (FANUS), African Nutrition Society (ANS) and the Global Centre for Asian Women's Health (GCAWH). While there is already a strong evidence base for school meal programs, the RENVASAT have identified specific gaps in the current evidence on effectiveness and a particular lack of clarity around planning, developing and evaluating resilient programmes, in order to provide clear return on the efforts invested.

LISTE DES INTERVENANTS

CHAIR(S)

A. JACKSON

11:15 - 11:30

TBC

B. ELLAHI

11:30 - 11:45

TBC

C.J. HENRY

11:45 - 12:00

TBC

F. ROBERT

12:00 - 12:15

TBC

F. ZOTOR

Wednesday August 27th

11:15 - 12:45

CHANGES IN SENSORIALITY IN PATHOLOGY

SY095

SCIENTIFIC SYMPOSIUM

Room 253



DESCRIPTION

FOOD PREFERENCES IN METABOLIC DISEASES The objective of the symposium is to describe food preferences in metabolic disease (for example obesity and diabetes) and to decipher the molecular mechanisms of the food preferences (notably fat and sugar). During the last couples of years, a number of studies have increasingly accumulated on the gustatory perception of dietary fatty acids and sugar in rodent models and human beings in health and disease. Beyond the guidance of a few basic orosensory biases such as attraction to sweet and avoidance of bitter, they have limited innate dietary knowledge and must learn to prefer foods based on their flavors and postoral effects.

LISTE DES INTERVENANTS

MANAGER

S. BÉLIARD

CHAIR(S)

S. BÉLIARD

11:15 - 11:30

TBC

J. DELARUE

11:30 - 11:45

TBC

E. FONTAINE

11:45 - 12:00

TBC

C. FORDE

12:00 - 12:15

TBC

N.A. KHAN

12:15 - 12:30

TBC

J.A. NAZARE

Wednesday August 27th

11:15 - 12:45

DIETARY DEAL- DIETARY ASSESSMENT & FURTHER DEVELOPMENT OF BIOMARKERS FOR ALL

SY096

SCIENTIFIC SYMPOSIUM

Room 341



DESCRIPTION

Advances in Dietary Assessment Technology & Biomarker Research- Findings from the Dietary Deal project This symposium will share recent findings from the Dietary Deal project in advancement of dietary assessment technologies and biomarker research. Proposal draft: Scientific Symposium (90-minute session) Dietary Deal: Dietary Assessment & Further Development of Biomarkers for All Hosted by Dietary Deal Consortium Dietary assessment in a technological world: challenges and opportunities Dr Janette Walton, Munster Technological University, Cork, Ireland. Developing a researcher-led dietary assessment tool for Europe-what are the essentials? Dr Laura Kehoe, Munster Technological University, Cork, Ireland. Dr Amy Mullee, Atlantic Technological University, Sligo, Ireland. Dietary quality indices: Heterogeneity of definitions and health outcomes Christine El-Khoury, German Institute of Human Nutrition Potsdam-Rehbruecke, Nuthetal, Germany. Polyunsaturated fatty acids: Which factors modify the biomarker response to intake? Dr Marcela Prada, German Institute of Human Nutrition Potsdam-Rehbruecke, Nuthetal, Germany. Association between Nutritional Biomarkers and Body Composition analysis: Dietary Deal Study Dr Pilar Matia (MD, PhD) Hospital Clínico San Carlos. Instituto de Investigación Sanitaria San Carlos (IdISSC), Universidad Complutense. Madrid, Spain. Dietary intake assessment with phenotypical markers based on a machine-learning tool: Dietary Deal study Prof J A Martinez, IMDEA (Madrid), University of Valladolid, Valladolid, Spain.

LISTE DES INTERVENANTS

MANAGER

J. WALTON

CHAIR(S)

J. WALTON

11:15 - 11:25

TBC

C. EL-KHOURY

11:25 - 11:35

TBC

L. KEHOE

11:35 - 11:45

TBC

A. MARTINEZ

11:45 - 11:55

TBC

A. MULLEE

11:55 - 12:05

TBC

M. PILAR

12:05 - 12:15

TBC

M. PRADA

12:15 - 12:25

TBC

M. SCHULZE

Wednesday August 27th

11:15 - 12:45

ALTERNATIVES TO ANIMAL-SOURCE FOODS- NAVIGATING BENEFITS AND TRADE-OFFS FOR NUTRITION AND HEALTH, ENVIRONMENTAL AND SOCIOECONOMIC OUTCOMES

SY097

SCIENTIFIC SYMPOSIUM

Room 342A



DESCRIPTION

Introduction - Animal source food alternatives: terminology and state of the evidence, Lynnette Neufeld (15 min) Presentation 1 - Nutrition and Food Safety Aspects, Ty Beal (10 min) Presentation 2 - Environmental Aspects, Kristina Sokourenko Speaker (10 min) Presentation 3 - Socioeconomic aspects, Stella Nordhagen (10 min) Q &A with audience (30 min) Wrap up and closing remarks - Lynnette Neufeld (5 min) The symposium aims to present evidence reviews on the benefits and trade-offs of alternatives to animal-source foods (Alt-ASFs) across nutrition and health, environment, and socioeconomic outcomes. Speakers will share the results of the evidence reviews, and considerations across different country contexts, including high-, middle-, and low-income countries. They will highlight the state of the research on each topic, indicating both areas of emerging consensus and those where more research is clearly needed. Through engaging with the audience, the speakers and participants will seek to advance understanding on the topic of how Alt-ASFs could help to jointly achieve multiple social goals—as well as where caution is needed in promoting them. While animal-source foods (ASFs) have long been a important components of human diets, they have come under scrutiny due to their relatively significant environmental impacts, health and nutrition concerns associated with certain products, as well as concerns over antibiotic and hormone use in their production and animal welfare issues. As such, there has been growing focus on alternatives to animal-source foods (Alt-ASFs), which include both traditional and novel plant-based foods; fungus-based foods; insect-based foods; algae-based foods; and novel cell-based foods. However, these Alt-ASFs vary widely in terms of nutritional quality, environmental impact, food safety considerations, affordability, and cultural acceptability. A large-scale dietary shift towards Alt-ASFs could have major implications for livelihoods and economies. The issue is thus a complex one, requiring diverse perspectives and critical debate, but the fragmentation of evidence disciplines may constrain comprehensive and joint analysis. In this context, the Food and Agriculture Organization of the United Nations (FAO) commissioned a series of robust reviews to assess the current state of evidence regarding the benefits and trade-offs associated with the production and consumption of Alt-ASFs across these various domains. This session will provide an evidence update across multiple disciplines leaving ample time for discussion.

LISTE DES INTERVENANTS

CHAIR(S)

L.M.. NEUFELD

11:15 - 11:45

TBC

T. BEAL

11:45 - 12:15

TBC

S. NORDHAGEN

12:15 - 12:45

TBC

K. SOKOURENKO

Wednesday August 27th

11:15 - 12:45

WORLD NETWORK OF NUTRINET STUDIES

SY089

SCIENTIFIC SYMPOSIUM

Room 242A



DESCRIPTION

We would like to propose the following program for a symposium (90mn) titled "World Network of NutriNet studies": Moderators : *Dr Bernard Srouf, Nutritional Epidemiology Research Team CRESS-EREN, UMR U1153 Inserm / U1125 Inrae / Cnam / Université Sorbonne Paris Nord / Université Paris Cité *Pr Axelle Hoge, Département des Sciences de la Santé publique, Université de Liège
Presentations: *Dr Mathilde Touvier / EREN-CRESS NutriNet-Santé web-cohort: 178 000 citizens and 16 years of research to advance knowledge on nutrition and health and guide public health policies *Pr Carlos Monteiro / School of Public Health, University of Sao Paulo, Brazil NutriNet-Brasil: 2018-2025: key findings and perspectives *Pr Benoit Lamarche / Centre NUTRISS, INAF, Laval University, Canada NutriQuébec: a population-based cohort for research and surveillance - 6-year review Round table and interactions with the audience: Dr Mathilde Touvier, Pr Carlos Monteiro, Pr Benoit Lamarche, Dr Axelle Hoge Our objectives are 1) To officially launch the World Network of NutriNet studies; 2) To foster international discussions on questions and challenges related to participatory research in nutritional epidemiology; 3) To call for the setting of new NutriNet-like studies in other countries that could join the network In 2009, CRESS-EREN launched the NutriNet-Santé study in France and now gathers >178 000 citizens who contribute to advance knowledge on nutrition and health. Recently, Brazil and Canada successfully launched NutriNet-like studies with already several thousands of participants. We now want to federate these initiatives in a global network to facilitate scientific and methodological discussions and to encourage new initiatives of this type in additional countries.

LISTE DES INTERVENANTS

MANAGER

M. TOUVIER

CHAIR(S)

B. SROUR

A. HOGE

11:15 - 11:45

TBC

M. TOUVIER

11:45 - 12:15

TBC

B. LAMARCHE

12:15 - 12:45

TBC

C.A. MONTEIRO

Wednesday August 27th

16:45 - 18:15

PROMOTING HEALTHY DIETS CONSIDERING FOOD SYSTEM CONSTRAINTS, OPPORTUNITIES, AND INTERCONNECTIONS- AN EXPLORATION OF THE NEW FAO FSDG METHODOLOGY

SY099

SCIENTIFIC SYMPOSIUM

Grand Amphitheatre



DESCRIPTION

The symposium will provide an overview of the new FAO Food systems-based dietary guidelines (FSDG) methodology and its critical aspects, then present countries' experiences in using different aspects of this new methodology. By the end of this session, participants will be able to: Describe critical aspects of the new FAO FSDG methodology and what they are meant to achieve. Learn from countries that have used different aspects of this new methodology. Dietary guidelines have the potential to inform food systems transformation towards not only better nutrition for people but also towards sustainability. A new approach to developing and implementing dietary guidelines considering food system constraints, opportunities and interconnections has been developed by FAO with inputs from multiple experts and stakeholders. The Food systems-based dietary guidelines (FSDG) methodology goes beyond health outcomes and integrates sustainability in its environmental, economic, and social dimensions. Countries have started using this new methodology to develop or revise and better implement their national dietary guidelines.

LISTE DES INTERVENANTS

MANAGER

A. ISLAS RAMOS

CHAIR(S)

F. HACHEM

A. ISLAS RAMOS

16:45 - 16:45

TBC

A. ISLAS RAMOS

16:45 - 17:05

TBC

F. HACHEM

17:05 - 17:25

TBC

L.M.. NEUFELD

17:25 - 17:45

TBC

R. ARYEETAY

17:45 - 18:05

TBC

T. BEKELE

Wednesday August 27th

16:45 - 18:15

PERSONALIZED NUTRITION- PAST, NOW, FUTURE

SY100

SCIENTIFIC SYMPOSIUM

Amphitheatre Bleu



DESCRIPTION

Personalized nutrition is a hot topic with different approaches available. Based on various parameters (e.g. genotype, microbiome, metabolism) commercially available direct-to-consumer tests are offered. However, the scientific evidence for such testing is rather limited (Simon MC et al. Mol Nutr Food Res 2023, Holzapfel C et al. Mol Nutr Food Res 2022). Chair: Kurt Gedrich, Anette Buyken Keynote (30 minutes, Britta Renner): A new perspective on personalized nutrition: The adaptive personalized nutrition advice systems Impuls (10 minutes, Jakob Linseisen): What data do we need? Impuls (10 minutes, Christina Holzapfel): Lessons learned from genetics Impuls (10 minutes, Marie-Christine Simon): Microbiome – all or nothing? Impuls (10 minutes, Jan Wirsam): Is the digital ecosystem key? Discussion (20 minutes) This symposium aims to introduce “The adaptive personalized nutrition advice systems” – a new perspective developed by the working group “Personalized Nutrition” of the German Nutrition Society (Renner B et al. Adv Nutr 2023). Speakers discuss the scientific basis behind different approaches and identify future directions. The talks will highlight the various aspects and concepts for personalized nutrition recommendations. The adaptive personalized nutrition advice systems (APNAs) is a new model which considers real-life food environments. Personalized dietary advice should be tailored not only to biomedical and health data, but also to stable and dynamic behaviour signatures and to food environment. Beside these individual data, the APNAs also includes short- and long-term goals. Within this framework, digital nutrition ecosystems enable continuous, real-time monitoring, advice, and support in food environments from exposure to consumption (Renner B et al. Adv Nutr 2023).

LISTE DES INTERVENANTS

CHAIR(S)

K. GEDRICH

16:45 - 17:00

TBC

A. BUYKEN

17:00 - 17:15

TBC

C. HOLZAPFEL

17:15 - 17:30

TBC

J. LINSEISEN

17:30 - 17:45

TBC

B. RENNER

17:45 - 18:00

TBC

M.C. SIMON

18:00 - 18:15

TBC

J. WIRSAM

Wednesday August 27th

16:45 - 18:15

EVIDENCE-BASED SCALE-UP OF MULTIPLE MICRONUTRIENT SUPPLEMENTATION FOR PREGNANT WOMEN IN ETHIOPIA

SY107

SCIENTIFIC SYMPOSIUM

Room 252A



DESCRIPTION

The symposium will begin with a series of five presentations, followed by participatory discussion. The first presentation will be a brief background about the Ethiopian nutrition and health challenges and policy landscape together with the need for the MMS trial, presented by Dr Masresha, Director at the Nutrition, Environmental Health and Non-communicable Disease Research Directorate, EPHI- Ethiopia and country PI for the cRT. Following this the key findings on effectiveness of MMS on birth weight will be presented by the Principal Investigator, Prof. Tanya Marchant from LSHTM, UK. Implementation research findings on implementation process will be presented by Dr Atkure Defar from the LSHTM who is based at EPHI, Ethiopia. Key findings on cost effectiveness of MMS versus IFA will be presented by Drs Senait Alemayehu/Elias Asfaw. And the mechanisms of change in the implementation of MMS and lessons learned from program implementation will be presented by Mrs Anene Tesfa/Dr Masresha Tessema. Finally, a 30 minute discussion with audience participation will be facilitated by Prof Lars-Åke Persson (Professor of Public Health Evaluation at the LSHTM, UK) and Dr.Sisay Sinamo (Senior Advisor at Ministry of Health, Ethiopia). To review the primary findings of the prenatal multiple micronutrient supplementation pragmatic cluster randomised trial in Ethiopia, reporting implementation research evidence within the Ethiopian health system, including on birth weight impact The 2019 Cochrane review summarised that, relative to the use of iron-folate (IFA) in pregnancy, the use of multiple micronutrient supplementation (MMS; brand UNIMMAP) that contains 15 micronutrients, including iron-folate was associated with a reduction in low birth weight of 13% and a reduction in small for gestational age of 9%. Subsequently, WHO has recommended that the use and replacement of prenatal IFA with MMS in country programs should be supported thorough context-specific research, including implementation studies. Thus, the Government of Ethiopia, Ministry of Health was interested to understand the effect of switching from IFA to MMS and identified 21 pilot program districts (woreda) in the country. Between 2022-2025 EPHI and LSHTM have carried out a pragmatic cluster randomized trial (cRT) for this purpose. This symposium will present comprehensive implementation research evidence from this real-world setting, including primary findings on the impact of MMS on birth weight, processes, acceptability, and the cost-effectiveness of transitioning from IFA to MMS within the Ethiopian health system. The evidence will provide multiple benefits. Firstly, it will offer context-based information to the Government of Ethiopia. Secondly, the findings will facilitate future decisions regarding a potential shift from IFA to MMS supplementation if a scale-up is considered. Lastly, other countries contemplating the scale-up of MMS programs could greatly benefit from these findings, providing them with empirical insights to inform their decisions.

LISTE DES INTERVENANTS

MANAGER

T. MARCHANT

CHAIR(S)

T. MARCHANT

16:45 - 17:05

TBC

A. DEFAR

17:05 - 17:25

TBC

S. SINAMO

17:25 - 17:45

TBC

M. TESSEMA

17:45 - 18:05

TBC

K. WOLDESENBET

Wednesday August 27th

16:45 - 18:15

GLOBAL RECOMMENDATIONS ON DIETARY AND LIFESTYLE PATTERNS FOR PRIMARY CANCER PREVENTION- FROM EVIDENCE TO PUBLIC HEALTH MESSAGING AND POLICY

SY108

SCIENTIFIC SYMPOSIUM

Room 252B



DESCRIPTION

The WCRF International's Global Cancer Update Programme includes reviews of epidemiological studies and evidence for biological processes that could explain epidemiological associations. Evidence is judged by independent experts who determine the likely causality between exposures and cancer risk, and then, where the evidence indicates, make recommendations for cancer prevention. Programme: -Welcome and Introduction, Pr Elio Riboli (5m) -Evidence for dietary and lifestyle patterns and cancer risk from CUP Global reviews, Dr Dora Romaguera (20m) -CUP Global recommendations on dietary and lifestyle patterns, Dr Helen Croker -Public health implications, Dr Francesco Branca (20m) -Panel discussion (20m) -Closing remarks, Dr Giota Mitrou (5m) -Reinforce the importance of considering how patterns of diet and lifestyle, as well as individual foods and other aspects of lifestyle, influence cancer risk -Provide an overview of evidence on how dietary patterns, and dietary and lifestyle patterns, influence risk of breast and colorectal cancers -Outline how cancer prevention recommendations have been developed in the Global Cancer Update Programme. - Consider and discuss the public health implications of this work It is well established that diet and other aspects of lifestyle influence cancer risk. Historically research has focused on how consumption of individual nutrients, foods and other health-related behaviours influence risk. However, people do not consume foods in isolation, rather diet and lifestyle are characterised by different patterns. Evidence for dietary patterns, and dietary and lifestyle patterns, and risk of breast and colorectal cancers has recently been reviewed as part of WCRF International's Global Cancer Update Programme. This session will outline the evidence from these reviews.

LISTE DES INTERVENANTS

CHAIR(S)

E. RIBOLI

16:45 - 17:05

TBC

F. BRANCA

17:05 - 17:25

TBC

H. CROKER

17:25 - 17:45

TBC

P. MITROU

17:45 - 18:05

TBC

D. ROMAGUERA

Wednesday August 27th

16:45 - 18:15

MALNUTRITION AWARENESS WEEK (MAW) IN EUROPE- PROGRESS AND INNOVATIVE ACTIONS

SY109

SCIENTIFIC SYMPOSIUM

Room 253



DESCRIPTION

Malnutrition awareness week (MAW) is an annual international campaign dedicated to raising global awareness about disease-related malnutrition (DRM), and its profound impact on patient's wellbeing and public health. It implemented in many countries across the world. Since 2020, with the support of the Optimal Nutritional Care for All (ONCA) campaign, many European countries have successfully launched their own MAW initiatives. In 2024, sixteen European countries participated in this campaign. While each country's MAW has its own timing, objectives, and programs, they all share a common goal: driving the implementation of optimal nutritional care in line with the ONCA campaign. Each national MAW provides a platform to raise awareness of malnutrition, tackling country-specific challenges while fostering collaboration among healthcare professionals, patients, policymakers, and other key stakeholders. The recurring nature of the campaign ensures ongoing attention to malnutrition and encourages sustainable partnerships. We will describe the organisation and results of MAW in Europe and focus on MAW in France. Presentation 1: MAW in Europe: progress and innovative actions _ speaker: Joost Wesseling, Executive Director ENHA - Optimal Nutritional Care for all (ONCA) campaign Presentation 2: MAW in France _ speaker Pr Eric Fontaine, Service de Nutrition Artificielle, Hôpital Michallon, CHU de Grenoble, France Collectif de Lutte contre la Dénutrition Presentation 3: MAW in? _ speaker: To be determined The objective of MAW is to increase screening, improve diagnosis and reach optimal care for malnourished subjects in the community, in hospitals and in nursing homes, and in children adults and older adults. The prevalence of malnutrition reaches 30-40 % of adults and 10 % in children in the hospital, 5-10 % of older adults in the community, and about 40 % of people in nursing homes. Malnutrition is associated with a poorer disease-related prognosis, more medical complications, loss of autonomy and death. Optimal nutritional care reduces the risk of hospitalisation and complications. However, malnutrition is poorly detected and nutritional care is often suboptimal. MAW aim to improve screening and care for malnutrition.

LISTE DES INTERVENANTS

MANAGER

D. VANSTEENE

CHAIR(S)

A. RAYNAUD-SIMON

16:45 - 17:25

TBC

E. FONTAINE

17:25 - 18:05

TBC

J. WESSELING

Wednesday August 27th

16:45 - 18:15

EXPLORING THE ROLE OF SCHOOLS IN TRANSFORMING FOOD SYSTEMS- A PACIFIC PERSPECTIVE

SY110

SCIENTIFIC SYMPOSIUM

Room 341



DESCRIPTION

This scientific symposium showcases examples of school-based activities that aim to reorient Pacific food systems by leveraging policy, nutrition education, student perspectives, and school food. To describe the Pacific Islands context and the role that schools play in supporting nutritious diets, community livelihoods and climate resilience. To showcase how policy is being used to create more supportive school food and nutrition environments in the Pacific Islands region. To showcase how nutrition education is used to support enhanced nutrition knowledge for students and the wider school community. To describe how locally produced foods are integrated into school food activities. To stimulate discussion, collaboration and partnerships for replicating and scaling up school food activities in the region. Amidst a nutrition transition and characterized by the triple burden of malnutrition, the Pacific Islands face a disproportionate impact from diet-related non-communicable diseases and from climate change. Following years of limited multisectoral action and effort towards enacting sustainable change in policy and practice, there is growing interest in enhancing school food and nutrition environments within the region. Activities to map school food and nutrition programs have provided more information on activities currently underway and planned for, and opportunities to share and collaborate. Investigations into the feasibility of locally-sourced school meal programs are in progress within the region. Nutrition education and activities such as school gardens are used in varying ways. While there are several challenges across the region, including limited agricultural productivity because of restricted land availability for farming and varying soil types, such as atolls, there are various locally produced, traditional, climate-resilient, and nutrient-rich food options that could be integrated into school meals programs and other school-based food and nutrition initiatives. This symposium, convened by the Pacific School Food Network, brings together researchers and practitioners from across the region to share their experiences and perspectives.

LISTE DES INTERVENANTS

MANAGER

S. BURKHART

CHAIR(S)

S. BURKHART

16:45 - 16:54

TBC

E. CARR

16:54 - 17:03

TBC

L. DAWA

17:03 - 17:12

TBC

D. FUTTER PUATI

17:12 - 17:21

TBC

D. HUNTER

17:21 - 17:30

TBC

A. KAMA

17:30 - 17:39

TBC

J. RANERI

17:39 - 17:48

TBC

P. SINGH

Wednesday August 27th

16:45 - 18:15

FOOD SYSTEMS DATA FOR DECISION-MAKING- THE GLOBAL DIET QUALITY PROJECT, FOOD SYSTEMS COUNTDOWN INITIATIVE, AND FOOD SYSTEMS DASHBOARD

SY111

SCIENTIFIC SYMPOSIUM

Room 342A



DESCRIPTION

This symposium will introduce participants to three food systems data initiatives - The Global Diet Quality Project, Food Systems Countdown Initiative, and Food Systems Dashboard. Participants will learn how these initiatives are filling food systems data gaps, making food systems data more accessible for stakeholders, and providing guidance and tools to use these data in decision making. The presentations will also highlight how the work of these initiatives has been implemented at the country level in Africa and Asia. This symposium will bring together speakers from each of the three initiatives to present their work at the global level and in different country contexts in Africa and Asia. Participants will learn about how these initiatives are related to one another and how they can be used together by different food systems stakeholders. Evidence-based decision making is critical for healthier, more equitable, and sustainable food systems. Several initiatives have focused on making food systems data more accessible for decision making. This symposium brings three of these initiatives together - The Global Diet Quality Project, Food Systems Countdown Initiative, and Food Systems Dashboard. The Global Diet Quality Project has conducted the first global survey of diets in nationally representative samples of people age 15+. These data were instrumental in the 2024 proposal for the first ever diet indicator in the SDG framework (minimum dietary diversity, MDD), and a new WHO indicator related to non-communicable disease prevention. Data were collected with country-adapted Diet Quality Questionnaires, a 5-minute survey module. The data and questionnaires are publicly available to facilitate low-burden collection of data that are valid and comparable across surveys and over time, for sustained monitoring. The project is a partnership between Gallup, Harvard TH Chan School of Public Health, and GAIN. The Food Systems Countdown Initiative (FSCI) is a collaborative effort of nearly 70 scientists and practitioners working on global food systems from universities, the UN, and nonprofits on nearly all continents led by the Columbia Climate School, GAIN, FAO, and Cornell CALS. The FSCI aims to monitor global food systems through the development of an indicator framework, monitoring updates, and additional analysis published annually in Nature Food. The Food Systems Dashboard (FSD) launched in 2020 to bring data across all the components of food systems together in understandable and beautiful visualizations. The FSD provides additional guidance on using these data in decision making, including food systems diagnostics and policies and actions to improve diets, nutrition, and environment. The FSD is a partnership between GAIN, the Columbia Climate School, Cornell CALS, FAO, and several other institutions. The FSD team has also partnered with country governments to co-create Country Dashboards with subnational data available in Bangladesh, Indonesia, Kenya, Mozambique, Nigeria, and Pakistan and underway in India and Rwanda.

LISTE DES INTERVENANTS

CHAIR(S)

T. BEAL

16:45 - 17:00

TBC

B. CARDUCCI

17:00 - 17:15

TBC

A. HERFORTH

17:15 - 17:30

TBC

S. NORDHAGEN

17:30 - 17:45

TBC

C. PEDRO

17:45 - 18:00

TBC

K. SOKOURENKO

18:00 - 18:15

TBC

S. SULTANA

Wednesday August 27th

16:45 - 18:15

THE PLACE OF PORK, PULSES, AND DAIRY IN SUSTAINABLE HEALTHY DIETS

SY112

SCIENTIFIC SYMPOSIUM

Room 342B



DESCRIPTION

The theme for the 2025 Paris meeting is sustainable food for global health. There are 4 dimensions of sustainability: health, economics, society, and the environment. To qualify as “sustainable”, foods and total diets need to be nutrient-rich, affordable, socially and culturally acceptable, and with low impact on the environment. Each of the four domains has its own metrics and measures. Nutrient density of foods is captured by nutrient profiling models. Affordability can be expressed in terms of calories or nutrients per unit cost, sometimes in relation to wages. Culture, tradition, and habit – as well as taste – contribute to the development of cuisine and to social acceptance of foods across global regions. Environmental impact of food production and processing is measured using greenhouse gas emissions and region-specific land, water and energy use. This session will explore optimally sustainable foods for health using nutrient profiles, prices, and environmental impact data from the United States and from France. Case studies will be based on the place of pork in the sustainable foods framework, with additional analyses based on pulses and dairy. The findings have implications for the future of agriculture in the EU and globally. The session objectives are to show that there are 4 dimensions of sustainability and not just 2 (health and the environment). In particular, affordable nutrient density is key component of sustainable healthy diets. So are taste and consumer acceptance. Food systems modeling using linear programming can identify foods or combinations of foods that are palatable, affordable, nutrient-rich, and environmentally friendly. That will require compromises and trade-offs. Analyses will be based on dietary intakes, food prices, and greenhouse gas emissions data from the USA and from France, using pork, pulses and dairy as case studies : The speakers are: Nicole Darmon, PhD. Directrice de recherche honoraire. French National Institute for Agriculture, Food and the Environment (INRAE). Adam Drewnowski, PhD. Professor of Epidemiology, Director of the Center for Public Health Nutrition, Univ of Washington, Seattle, US. Matthieu Maillot, PhD. Research Director. MS-Nutrition, Faculté de Médecine La Timone, University Aix Marseille, Marseille, France.

LISTE DES INTERVENANTS

MANAGER

A. DREWNOWSKI

CHAIR(S)

A. DREWNOWSKI

16:45 - 17:15

TBC

N. DARMON

17:15 - 17:45

TBC

M. MAILLOT

S. ASTLEY

Wednesday August 27th

16:45 - 18:15

MEDITERRANEAN DIET AND NUTRIGENETICS- TOWARD A PERSONALIZED ANTI-INFLAMMATORY NUTRITION

SY101

SCIENTIFIC SYMPOSIUM

Room Maillot



DESCRIPTION

Mediterranean Diet: An Anti-Inflammatory Model and the Challenges of Adherence (25 minutes)
Inflammation, Immune Dysregulation, and Obesity: The Beneficial Effects of Omega-3 Fatty Acids (25 minutes)
Nutrigenetics, Microbiome, and Inflammation: Toward a Personalized Nutritional Approach (25 minutes)
Discussion (15 minutes)
This symposium aims to explore the intricate relationship between nutrition, inflammation, and health, with a focus on personalized dietary approaches. By highlighting the anti-inflammatory potential of the Mediterranean diet and its role in immune regulation, this session will provide valuable insights into optimizing nutritional interventions—incorporating nutrigenetics and gut microbiome research—for the prevention and management of inflammation-related diseases, including obesity. Low-grade chronic inflammation is a key driver of various diseases, including metabolic, cardiovascular, and neurodegenerative disorders. Nutrition plays a crucial role in modulating inflammation, either aggravating or mitigating its effects. However, individual inflammatory responses to nutrients vary due to genetic predispositions and the composition of the gut microbiome. Despite adherence challenges, the Mediterranean diet remains a cornerstone in regulating inflammation, immune function, and gut microbiota balance. Rich in monounsaturated fats, omega-3 fatty acids, polyphenols, and fiber, this dietary pattern exerts powerful anti-inflammatory effects, supporting immune homeostasis and fostering a diverse, well-balanced gut microbiota. Nutrigenetics provides new insights into personalized nutrition, enabling the optimization of anti-inflammatory dietary strategies. By reducing systemic inflammation and improving insulin sensitivity, the Mediterranean diet plays a crucial role in both preventing and managing obesity. Integrating nutrigenetics and gut microbiome research into nutritional care allows for tailored dietary recommendations, further amplifying the Mediterranean diet's anti-inflammatory benefits. This innovative, precision-based approach holds great promise for the prevention and management of inflammation-related diseases, including obesity.

LISTE DES INTERVENANTS

CHAIR(S)

A. ELJAAFARI

16:45 - 17:15

MEDITERRANEAN DIET AND NUTRIGENETICS- TOWARD A PERSONALIZED ANTI-INFLAMMATORY NUTRITION

R. KEFI

17:15 - 17:45

**MEDITERRANEAN DIET AND NUTRIGENETICS- TOWARD A PERSONALIZED ANTI-
INFLAMMATORY NUTRITION**

N.A. KHAN

17:45 - 18:15

**MEDITERRANEAN DIET AND NUTRIGENETICS- TOWARD A PERSONALIZED ANTI-
INFLAMMATORY NUTRITION**

I. KHEMIRI

Wednesday August 27th

16:45 - 18:15

MAXIMIZING CASH “PLUS” FOR MATERNAL AND CHILD NUTRITION- EVIDENCE FROM SOMALIA, ETHIOPIA, AND MALAWI

SY105

SCIENTIFIC SYMPOSIUM

Room 243



DESCRIPTION

In this symposium, participants will hear the following three (3) presentations: Introduction (5 min): Evidence Review of nutrition sensitive social protection (Aulo Gelli) Presentation 1 (20 min): Multi-sector cash plus for nutrition and child development in Malawi (Brenda Phiri and Natalie Roschnik) Presentation 2 (20 min): The effectiveness and cost-effectiveness of Cash "plus" programs to prevent acute malnutrition in Somalia: Evidence from a cluster randomized control trial (Nadia Akseer and Qundeel Khattak) Presentation 3 (20 min): Integrated response to malnutrition in Ethiopia: nutrition, immunisation, and cash (Corina Campian and UNICEF Ethiopia) Concluding remarks (5 min) (Aulo Gelli) Discussion/Q&A (20 min) We will draw on global evidence and the research and programmatic experience from five organisations across three countries to: Highlight the importance of cash transfers combined with other interventions in preventing malnutrition in a range of contexts. Highlight the cost-effectiveness of the cash plus SBCC intervention on nutrition outcomes in humanitarian settings. Show through multi-country examples how maternal and child cash transfers combined with social and behaviour change, immunization, gender, or agriculture and livelihoods interventions can address the main drivers of malnutrition. Share recommendations on 'plus' aspects of the design of cash 'plus' for nutrition programs to improve child and maternal status. 148 million children under 5 years are stunted and 45 million are wasted due to chronic or acute malnutrition. Income poverty is a major underlying driver of malnutrition in most contexts, and children living in poor households, in lower income or humanitarian contexts are much more likely to be malnourished. There is growing evidence that cash transfers targeting mothers and young children, combined with "plus" interventions to improve caregiving behaviours and access to essential services are an effective approach to prevent malnutrition. However, evidence gaps remain on which combinations and durations of assistance are most effective at reducing or preventing malnutrition. In this symposium, we will present evidence and experience of organisations from 3 countries, delivering maternal and child cash transfers, with different combinations of "plus" interventions (immunization, SQLNS, Social and behaviour change, gender, agriculture and ECD) to prevent either stunting or wasting.

LISTE DES INTERVENANTS

MANAGER

Q. KHATTAK

CHAIR(S)

Q. KHATTAK

16:45 - 17:00

TBC

N. AKSEER

17:00 - 17:15

TBC

C. CAMPIAN

17:15 - 17:30

TBC

A. GELLI

17:30 - 17:45

TBC

B. PHIRI

17:45 - 18:00

TBC

N. ROSCHNIK

18:00 - 18:15

TBC

C. TAYLOR

Wednesday August 27th

16:45 - 18:15

LESSONS LEARNED IN MOVING TO SUSTAINABLE ACTIVITY IN AFRICA

SY103

SCIENTIFIC SYMPOSIUM

Room 242A



DESCRIPTION

The session will feature key three talks: Introduction: Introducing the lesson (Francis B. Zotor) (5 minutes) The urgency of evaluating the role of nutrition in cancer ethology and prognosis in Africa (Ellen Kampman) (20 minutes) Initiating and evaluating Cancer and Nutrition in Africa (CANA): impacts, challenges and benefits of a grant writing course (Agatha Onyango) (20 minutes) CANA results: a prospective cohort study on lifestyle and breast cancer in Ghana (Regnald Annan) (20 minutes) Future opportunities for CANA and APIC and Discussion (Alan A. Jackson) (25 minutes) This session will address how a good idea might be translated into a practical initiative in moving towards sustainable capability. This experience reflects on how best to address a major challenge of direct relevance to nutrition, but not being addressed by any other entity. We have been concerned with how best to start an activity so that it is possible to carry a great idea to the point where it becomes sustainable, in Africa. To do this has required that we recognise and address a range of generic constraints which carry lessons of much wider relevance for progress. Drawing from these experiences, the symposium will explore the critical factors that have enabled progress, and the threats experienced due to limited resource. The session will highlight how having formulated an idea it is possible to identify the constraints that limit its practical application. Using the learning from real experience illustrates how it is possible to move towards a more purposeful strategic approach which offers sustainability and the opportunity to celebrate its brilliance after a period of successful operation.

LISTE DES INTERVENANTS

MANAGER

F. ZOTOR

CHAIR(S)

F. ZOTOR

16:45 - 17:05

TBC

R.A. ANNAN

17:05 - 17:25

TBC

A. JACKSON

17:25 - 17:45

TBC

E. KAMPMAN

17:45 - 18:05

TBC

A. ONYANGO

Wednesday August 27th

16:45 - 18:15

AI AND BEYOND- NOVEL APPROACHES TO PROTECT CHILDREN FROM UNHEALTHY FOOD AND BRAND MARKETING ON DIGITAL MEDIA

SY104

SCIENTIFIC SYMPOSIUM

Room 242B



DESCRIPTION

Presentation 1: Dr. Dana Olstad, An AI system to assess unhealthy food marketing to children on digital media and its application on YouTube (20 min) Presentation 2: Dr. Navoda Pathirana, #DigitalYouth – Using screen capture and AI tools to unmask the dark side of digital marketing (20 min) Presentation 3: Dr. Magdalena Muc, The role of AI in monitoring digital food marketing in research and policy enforcement – lessons from a pilot study in Ireland. (20 min) Conclusion (5 min) -Questions and answers with audience (20 min) This symposium will provide participants with information on the following topics: An overview of new state-of-the-art methods to assess food and brand marketing to children on digital media Case examples of the use of new state-of-the-art methods to monitor food and brand marketing to children on digital media Whereas industry has leveraged AI to market unhealthy food and brands to children on digital media in covert ways, researchers continue to manually assess these AI-enabled tactics. To address these gaps, several teams are developing systems that use AI and other technologies to collect large volumes of food and brand marketing on digital media and to automate the analysis of this marketing. During this session attendees will learn about three new state-of-the-art systems that are being used to assess unhealthy food and brand marketing to children on digital media. First, Dr. Wickramasinghe will present WHO publications and tools on mapping, monitoring, and regulating the marketing of unhealthy products to children. He will focus on results obtained from studies that have used the WHO KidAd app, an application that objectively monitors children's exposure to unhealthy product marketing by taking screenshots on their devices while they use social media apps. An AI function assists in analyzing relevant screenshots. Dr. Wickramasinghe will also share insights into current WHO priorities related to the marketing of harmful products to children. Second, Dr. Olstad will describe an AI system that automatically collects marketing instances on websites and social media popular with children, extracts marketing features to determine whether unhealthy foods are featured, and classifies the types of marketing strategies present to determine whether marketing instances target children. She will then describe the first application of the system to monitor food marketing that children may view on YouTube. Finally, Dr. Pathirana will describe the SCANNER tool, an AI-enabled tool to automatically detect brands and classify marketing of unhealthy foods in video and image data. She will also describe the digital food marketing landscape for children and youth in Australia based on the findings of a study that used the SCANNER tool to automatically analyse digital media data collected from >200 children and youth in Australia.

LISTE DES INTERVENANTS

MANAGER

D. OLSTAD

CHAIR(S)

D. OLSTAD

16:45 - 17:25

TBC

M. MUC

17:25 - 18:05

TBC

N. PATHIRANA

Thursday August 28th

11:15 - 12:45

THE MOTHERS, INFANTS AND LACTATION QUALITY (MILQ) STUDY. GLOBAL UTILITY OF HUMAN MILK REFERENCE VALUES

SY140

SCIENTIFIC SYMPOSIUM

Room 343



DESCRIPTION

This session, consisting of three lectures and a moderated panel discussion will form the second of two linked sessions presenting data from the global Maternal, Infant and Lactation Quality (MILQ) study. Speakers will consist of members of the MILQ consortium, alongside international experts from the field of maternal and child health. To consider the global utility of human milk Reference Values (RVs), this session will include three lectures followed by a moderated panel discussion. The focus of the lectures will be on: - How can we use human milk RVs in global studies, an overview - Application of MILQ RVs in nutrition intervention studies - Implication of human milk RVs for infant nutrient recommendations. The global, multicentre MILQ study has generated RVs for human milk nutrients. In the first of two linked sessions, these RVs will be presented. In this session, together with invited experts, the MILQ team will discuss the utility of these RVs with a specific focus on how they will contribute to improving maternal and infant nutrition and health, globally.

LISTE DES INTERVENANTS

MANAGER

S. MOORE

CHAIR(S)

S. MOORE

11:15 - 12:45

TBC

L. ALLEN

Thursday August 28th

08:00 - 09:30

FOOD & FUNCTION SYMPOSIUM - GUT HEALTH

SY118

SCIENTIFIC SYMPOSIUM

Room 243



DESCRIPTION

Gut health is one of the most prominent and widely discussed aspects of human health in contemporary society. Increasingly, scientific evidence highlights the critical role played by the gut in influencing numerous physiological processes and health outcomes, from metabolism and immunity to cognitive function and emotional well-being. This special symposium, presented by the journal *Food & Function* (published by the Royal Society of Chemistry), will deliver world-leading insights into the mechanisms underlying the relationship between diet, gut microbiota, and overall human health. Featuring globally renowned experts, the symposium will offer unique perspectives on emerging areas of gut health research, including the gut-brain axis, microbiome diversity, and the interplay between dietary choices and microbiome composition. Through a combination of pioneering research presentations and open discussion, attendees will explore how targeted dietary strategies can effectively optimise gut health, leading to significant positive health outcomes. We anticipate that this highly topical and timely symposium, delivered by recognised leaders in the field, will be of considerable interest to many IUNS-ICN delegates.

This accessible symposium will provide IUNS-ICN attendees with an engaging overview of cutting-edge science and significant advancements at the forefront of gut health research. Specifically, participants will:

- Gain insights into recent developments and emerging trends in gut health and microbiome research.
- Deepen their understanding of the gut-brain axis and its implications for mental and physical health.
- Explore the complex interactions between dietary choices and gut microbiota, and their broader impacts on human health, and evidence-based strategies to optimise gut health through dietary interventions.
- Engage with diverse perspectives from leading experts, enabling informed discussions on translating gut-health research into actionable nutritional guidelines.

LISTE DES INTERVENANTS

MANAGER

D. LAKE

CHAIR(S)

C. MORAND

D. LAKE

08:00 - 08:05

INTRODUCTION

08:05 - 08:30

MODULATION OF MICROBIOTA GUT-BRAIN AXIS BY FOOD BIOACTIVES IN AGEING AND COGNITION

D. VAUZOUR

08:30 - 08:55

ILEOSTOMATES & GUT HEALTH: DIETARY (POLY)PHENOL BIOAVAILABILITY & BIOACTIVITY

C. GILL

08:55 - 09:20

ROLE OF DIETARY COMPOUNDS IN THE MODULATION OF GUT AND INTESTINAL PERMEABILITY

C. DEL BO'

09:20 - 09:30

Q&A SESSION

Thursday August 28th

08:00 - 09:30

FUTURE RECOMMENDATIONS FOR PERSONAL NUTRITION ACROSS LIFE SPAIN

SY120

SCIENTIFIC SYMPOSIUM

Room 252A



DESCRIPTION

Precision nutrition aims to optimize health by personally tailoring dietary recommendations to individual needs across the life cycle. During early life, adequate nutrition is crucial for development by influencing forthcoming health of the baby and in adulthood, where microbiota assessment may predict future wellbeing. In this context, normal feeding plays a key role in strengthening the immune system, with unique benefits for optimal growth and disease prevention, not only in the fetus and mother but also during life. In childhood and adolescence, a healthy lifestyle including a balanced diet and planned physical activity support health maintenance and prevent chronic disease incidence. For adults, personalized nutrition focuses on maintaining health by aiding homeostasis and refining metabolic functions, thereby quality of life and enhancing longevity. Luis Moreno (Universidad de Zaragoza/SEÑ) Eating behaviours and psychological traits in toddlers. Elvira Larqué (Universidad de Murcia/SEÑ) Gut exfoliome analysis for personalized nutrition in children and adults. Ascensión Marcos (ICTAN/SEÑ) Early immunonutrition for healthy aging. J. Alfredo Martínez (IMDEA/SEÑ) Genetic-based personalized precision nutrition. Maria Carmen Piernas (Universidad de Granada/SEÑ) Nutritional of metabolic health. Marcela González-Gross (Universidad Politécnica de Madrid/ SEÑ) Physical activity for health maintenance age disease prevention Personalize dietary recommendations by integrating genetic, microbiota, and biomarker data to optimize individual health outcomes. Enhance disease prevention and management through precision nutrition, focusing on chronic conditions and metabolic health across the life cycle. Leverage technology and innovation to develop more effective, data-driven nutritional interventions that improve public health. The future of precision nutrition and dietary recommendations is focusing on integrating genetic data, gut microbiota, and individual biomarkers to provide personalized guidelines. These recommendations will help address chronic conditions, optimize metabolic performance, and improve disease prevention throughout the life cycle. Advances in technology, including artificial intelligence and biotechnology, will enable the development of diets tailored to each person's unique needs and to promote more precise and effective interventions.

LISTE DES INTERVENANTS

MANAGER

M. GONZALEZ GROSS

CHAIR(S)

M. GONZALEZ GROSS

08:00 - 08:10

TBC

E. LARQUÉ DAZA

08:10 - 08:20

TBC

A. MARCOS SÁNCHEZ

08:20 - 08:30

TBC

A. MARTINEZ

08:30 - 08:40

TBC

L. MORENO AZNAR

08:40 - 08:50

TBC

M.D.C. PIERNAS SÁNCHEZ

Thursday August 28th

11:15 - 12:45

IMPLEMENTATION SCIENCE GUIDING GLOBAL SCALE-UP OF ANTENATAL MULTIPLE MICRONUTRIENT SUPPLEMENTATION

SY133

SCIENTIFIC SYMPOSIUM

Room 251



DESCRIPTION

Antenatal MMS has been shown to safely reduce risk of low birth weight and, variably, other adverse pregnancy outcomes, including small-for gestational age and still births in undernourished regions. WHO recommends use of antenatal MMS delivery “in the context of rigorous research” that includes implementation research where MMS programmes are being considered. Additionally, WHO has included on its Essential Medicines List a standard 15-nutrient “UNIMMAP” formulation that meets recommended dietary allowances during pregnancy. Given the potential health benefits to mothers and offspring in regions where micronutrient deficiencies pose a public health burden, the task now is learn how best to introduce, evaluate, finance, scale-up, assure quality, and sustain delivery of antenatal MMS. Following a brief update on health impact of MMS, leading researchers, policymakers, programmers and supply chain experts will share practical lessons learned from implementation research in health care systems in high risk populations in the Middle East (UNRWA), Africa (Mali) and Southeast Asia (Indonesia and Cambodia), drawing on latest implementation science guidelines for MMS. The session will end with a Q&A session on policy needs, research gaps and supply chain issues to address to expand and sustain adequate, safe and sustainable antenatal MMS delivery.

LISTE DES INTERVENANTS

MANAGER

G. TWILLMAN

11:15 - 11:18

WELCOME/INTRODUCTIONS

K. HURLEY

11:18 - 11:25

MATERNAL MMS IMPROVES PREGNANCY OUTCOMES: REASONS FOR SCALING-UP!

K. WEST

11:25 - 11:37

ANTENATAL MMS VERSUS IRON-FOLIC ACID DELIVERY IN CLINICS SERVING PALESTINE REFUGEES IN JORDAN: KEY FINDINGS OF A SYSTEMS TRIAL

M. HORINO

11:37 - 11:49

LESSONS FROM IMPLEMENTATION RESEARCH INFORMING THE PROCESS OF SCALING-UP MMS IN INDONESIA

T. ANGGONDOWATI

11:49 - 12:01

FINDINGS FROM IMPLEMENTATION TRIAL TO INFORM SCALING-UP MMS IN CAMBODIA

K. HOU

12:01 - 12:13

RESULTS OF IMPLEMENTATION RESEARCH ON ADHERENCE AND ACCEPTABILITY OF ANTENATAL MMS IN MALI

A. BA

12:13 - 12:25

IMPLEMENTATION SCIENCE APPLIED TO MMS SUPPLY ISSUES: LESSONS LEARNED FROM INDONESIA

C. AJELLO

12:25 - 12:37

IMPLEMENTATION GUIDELINES AND LEARNINGS FROM MMS PROGRAMS WITH Q & A

M. MWANGI

Thursday August 28th

08:00 - 09:30

PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE IN BRAZIL

SY122

SCIENTIFIC SYMPOSIUM

Room 253



DESCRIPTION

In this symposium, seven presentations will explore how advances in research, targeted public health initiatives, and expanded government program coverage have improved health indicators, while highlighting Brazil's ongoing efforts to contribute to the global targets agreed upon the Sustainable Development Goals (SDGs) for 2030. *Introduction - 5 minutes *Prenatal nutritional care for pregnant women as a fundamental strategy to improve maternal health, reduce obesity in reproductive age and improve the health of future generations (Dr Cláudia Saunders) - 10 minutes *Healthy and sustainable diets for pregnant and lactating women: the emerging role of Precision Nutrition (Dr Karina dos Santos) - 10 minutes *Child health inequalities and nutritional indicators in Brazil (Dr Marly Augusto Cardoso) - 10 min *Nutrition for optimal childhood development: evidence from Brazilian birth cohorts (Isabel Giacomini) - 10 minutes *Food and nutrition surveillance: key for health care throughout life cycle (Dr Bruna Paola Murino Rafacho) - 10 minutes *Challenging ultra-processed foods: Brazilian dietary guidelines and local food culture as pathways to health, sustainability, and the SDGs (Ana Carolina Hovadick) - 10 minutes *Traditional food systems and indigenous cosmologies in the Brazilian Amazon: contributions towards food sovereignty and the SDGs (Júlia Souza Pinto Camanho) - 10 minutes *Q&A with audience - 15 minutes This submission from Latin America is eligible for a full waiver concerning lecture room costs, by including 7 participants. This symposium aims to discuss how Brazil's public policies have contributed to promoting healthy eating, and supporting proper growth and development throughout the life course. The presentations will address the country's efforts, achievements, and ongoing challenges in research and public health policymaking, offering insights for national and global agendas. Over the past decades, Brazil has made remarkable efforts to improve diet quality, food access, and nutritional outcomes. The country's success in research and public health policymaking offers valuable lessons for high-, middle- and low-income countries, many of which are grappling with their own nutrition crises. However, as a nation of continental proportions with significant social inequalities, Brazil continues to face complex challenges in its nutrition agenda, with specific issues arising at each life cycle stage.

LISTE DES INTERVENANTS

MANAGER

K. DOS SANTOS

CHAIR(S)

K. DOS SANTOS

08:00 - 08:09

TBC

J.S.P. CAMANHO

08:09 - 08:18

TBC

M.A. CARDOSO

08:18 - 08:27

TBC

I. GIACOMINI

08:27 - 08:36

TBC

A.C. HOVADICK

08:36 - 08:45

TBC

B.P. MURINO RAFACHO

08:45 - 08:54

TBC

J.S.P. CAMANHO

08:54 - 09:03

TBC

L. DAMASIO FAGGIANI

Thursday August 28th

08:00 - 09:30

IMPROVING THE HEALTHINESS OF FOOD ENVIRONMENTS IN LOW- AND MIDDLE-INCOME COUNTRIES - EVIDENCE FROM NIGERIA, KENYA, TANZANIA, VIETNAM, AND THE PHILIPPINES

SY123

SCIENTIFIC SYMPOSIUM

Room 341



DESCRIPTION

Food environments, i.e. the setting in which people choose what to eat, are changing rapidly in low- and middle-income countries (LMICs). Ultra-processed foods which cater to busy consumers' increasing demand for convenience are now ubiquitous and heavily marketed. Informal vendors are often the primary source of fruits, vegetables, and other nutrient-dense fresh foods in LMICs. The informal sector faces several challenges (such as ensuring food safety and government crackdowns) which affect access to safe and nutritious foods for consumers. Evidence on effective interventions to improve the healthiness of the food environment is limited. The symposium will cover three broad topics. First, we will summarize the challenges inherent to the evaluation of food environment interventions. Second, we will present recent evidence from several evaluations that assessed the effectiveness of food environment interventions designed to improve the affordability, availability, and safety of fruits and vegetables (Nigeria, Vietnam), dairy (Kenya, Tanzania), eggs (Tanzania). Finally, we will show how vendor business schools can facilitate deeper engagement of the government with informal vendors to improve the healthiness of food environments (Kenya, Philippines). Using evidence from 5 countries in LMICs our symposium will address the following questions: What are the methodological challenges when evaluating food environment interventions and how can they be overcome? How can effective interventions be designed? What is the impact of food environment interventions on informal vendors (e.g., women's empowerment) and their businesses (e.g., profit) and on the dietary intake of consumers in LMICs? How do vendor business schools help governments to engage constructively with the informal food sector to subsequently improve the food environment? Food environments are believed to play an important role in shaping people's diets. While the potential of improving the healthiness of food environments is promising, the process is complex. To ensure interventions lead to the increased consumption of sustainable healthy diets, strong evidence on best practices is needed. Due to the complexity of food environments and limited guidance on how to conduct rigorous evaluations, evidence is limited. This symposium will contribute to filling this evidence gap.

LISTE DES INTERVENANTS

MANAGER

J. LEROY

CHAIR(S)

I. BROUWER

08:00 - 08:15

TBC

S. ALONSO

08:15 - 08:30

TBC

E. BACATAN

08:30 - 08:45

TBC

A. DE BRAUW

08:45 - 09:00

TBC

D. NABUUMA

09:00 - 09:15

TBC

S. NORDHAGEN

09:15 - 09:30

TBC

F. SAMUEL

Thursday August 28th

08:00 - 09:30

THE NUTRITIONAL COMMERCIAL DETERMINANT OF NCD'S

SY124

SCIENTIFIC SYMPOSIUM

Room 342A



DESCRIPTION

The Symposium will give a broad perspective on the issue including various lectures of top international lecturers: Barry Popkin "Global Healthy Food Policy: the past, the present and the future" Ronit Endevelt "The Nutritional Commercial determinant of NCDs (Non-Communicable Diseases) a political case study" Jaap Seidell Principles for public-private engagement in nutrition policy Mike Rayner ' Why we need better food scoring systems if we are resist the commercial determinants of NCDs' or 'Ranking the unhealthiness of food companies'? Anthony Fardet « Ultra-processed food matrices as a key factor degrading global health » Phillip Baker "Understanding the political and economic power of the ultra-processed food industry and how to counter it " The global rise in diet-related non-communicable diseases (NCDs) such as obesity, diabetes, and cardiovascular disease underscores the urgent need to address the commercial determinants of health (CDOH). These determinants, including the marketing, pricing, availability, and promotion of unhealthy food and beverages, are key drivers of poor dietary patterns and health inequities. The symposium dedicated to this topic offers a platform to examine the intersections of commerce, health, and policy, while mobilizing multi-sectoral action. Nearly one third of global deaths can be attributed to NCDs, which are largely caused by unhealthy Nutritional products related to commercial actors, such as alcohol and unhealthy Ultra processed foods high in fat, salt sugar and food additives. Commercial determinant of NCD's is a "strategies and approaches used by the private sector to promote products and choices that are detrimental to health". Understanding Industry Influence, The food industry wields significant influence over public health. Aggressive marketing strategies, particularly targeting children, promote ultra-processed foods. Additionally, the widespread availability and affordability of unhealthy products contrast sharply with the limited access to healthy, affordable food options in many communities. A symposium can illuminate how these practices shape consumer behavior and health outcomes, particularly among vulnerable populations. Fostering Collaborative Solutions, Tackling the commercial drivers of unhealthy diets requires input from diverse stakeholders, including public health experts, policymakers, researchers, and industry representatives. The symposium provides a neutral space to share evidence, debate policy options, and identify strategies for accountability and reform.

LISTE DES INTERVENANTS

MANAGER

R. ENDEVELT

CHAIR(S)

R. ENDEVELT

08:00 - 08:15

TBC

P. BAKER

08:15 - 08:30

TBC

A. FARDET

08:30 - 08:45

TBC

B. POPKIN

08:45 - 09:00

TBC

M. RAYNER

09:00 - 09:15

TBC

J. SEIDELL

Thursday August 28th

08:00 - 09:30

COPING WITH THE COMPLEXITIES OF FOOD AND NUTRITION INSECURITY IN CONFLICT ZONES, EXAMPLE FROM AFRICA

SY125

SCIENTIFIC SYMPOSIUM

Room 342B



DESCRIPTION

The session will feature 4 key talks: Introduction: Framing the subject (Francis Zotor) (5 minutes) Managing food and nutrition security in times of conflict, the Africa experience. (IFPRI Africa) (20 minutes) Meeting the challenge of access to food in conflict zones and for displaced populations. (FAO) (20 minutes). Contribution of community-based efforts and civil society organizations to food and nutrition security in times of war. (Faiza Hussein) (20 minutes). Strategies for overcoming the challenges and Discussion (Habiba Hassan-Wassef) 25 minutes) The Session will discuss and bring to the fore a critical subject that, in spite of having grave consequences for the future of millions in African war zones, is not receiving due attention in development plans and strategies. In Africa, the number of warring factions and conflict zones continues to increase and intensify with untoward effects suffered by the involved communities. In several cases, the situation is further complicated by climate change and economic crises, with damage to agricultural land, and disruption of agricultural production and food supply chains. Furthermore, other challenges face access to food supplies and other relief interventions. Poor coverage by road and communication networks, the intensity of the conflict, in addition to paucity of resources, whether financial, human or technical, for relief efforts further complicate the situation. Malnutrition and nutritional deficiencies, progressing to near famine in some conflict zones, are reported by the UN and humanitarian relief agencies. However, resources and measures for addressing the food insecurity, in all its forms, that is engendered by wars and armed conflicts are not receiving due attention in policies, strategies and plans for advancing health and nutrition development goals for the Continent. The current focus is concentrating mainly on efforts for conflict resolution and less on the impacts suffered by the affected populations. The present Session aims to draw attention of decision makers to the gravity of the situation in the affected African countries and to the urgency for mobilization of remedial action to protect the health, nutrition and development of future generations and to build resilience of affected communities in terms of food and nutrition security or, in other words, to protect the quality of the human capital for these countries, its children. Once conflicts are resolved, due importance needs to be accorded to the health and nutrition component of post war rehabilitation plans for rebuilding of the war-torn societies.

LISTE DES INTERVENANTS

MANAGER

F. ZOTOR

CHAIR(S)

F. ZOTOR

08:00 - 08:20

TBC

K. ABAY

08:20 - 08:40

TBC

H. FAIZA

08:40 - 09:00

TBC

H. HASSAN-WASSEF

09:00 - 09:20

TBC

M. SUKATI

Thursday August 28th

08:00 - 09:30

FOOD SECURITY AND NUTRITION AND CLIMATE CHANGE

SY126

SCIENTIFIC SYMPOSIUM

Room 343



DESCRIPTION

Climate change is exacerbating the triple burden of malnutrition, especially among the most vulnerable. The French National Research Agency (ANR) supports research on the transitions needed for the Sustainable Development Goals and food and nutrition security in its six pillars (availability, access, utilization, stability, capacity to act and sustainability). Since 2005, the ANR has funded numerous projects focusing on food production, food quality and safety, nutrition and health, determinants of consumption, plant proteins and plant-based diets, food systems and the microbiota. In doing so, ANR has participated to the structuration of French research communities and landscape at national, European and international levels. IUNS-ICN is an opportunity to present the involvement of ANR in collaborative international projects on climate change, sustainability and nutrition. The symposium proposed by ANR will be chaired by Marie-Josèphe Amiot-Carlin and Isabelle Hippolyte, the both are scientific leaders who will present research international instruments coordinated by ANR (EUP FutureFoods, Prima Foundation and Era-net cofund FOSC) introducing the results of three projects involving partners of Mediterranean Countries and Africa. Proposition of speakers - Peter Verburg (Vrije Universiteit Amsterdam, NL) on Urban Food Resilience under Climate Change Challenges " - Arlène Alpha (CIRAD, U Cape Town, South Africa) on Strengthening African Food Systems in the face of climate change and food insecurity – - Valérie Guillard (Univ Montpellier, France) on InTelligent, AcTive MicroBiomme-based, biodegradable packaging for Mediterranean food

LISTE DES INTERVENANTS

MANAGER

M.J. AMIOT-CARLIN

SPEAKER(S)

I. HIPPOLYTE

CHAIR(S)

M.J. AMIOT-CARLIN

08:00 - 08:20

HEALTH NUTRITION OF THE MICROBIAL-HUMAN – FROM HUMAN TO PLANETARY HEALTH.

J. DORÉ

08:20 - 08:40

FRUIT AND VEGETABLE CONSUMPTION AMONG THE URBAN POORS: WHAT ADAPTATION STRATEGIES FOR FOOD SYSTEMS IN THE FACE OF CLIMATE CHANGE.

A. ALPHA

08:40 - 09:00

INTELLIGENT, ACTIVE MICROBIOME-BASED, BIODEGRADABLE PACKAGING FOR MEDITERRANEAN FOOD

V. CAPOZZI

Thursday August 28th

08:00 - 09:30

UNDERSTANDING DRIVERS OF FOOD CHOICE TO IMPROVE DIETS- OPPORTUNITIES AND CHALLENGES ACROSS THE FOOD SYSTEM

SY117

SCIENTIFIC SYMPOSIUM

Room 242B



DESCRIPTION

The session will include a presentation on conceptual framework and literature review on drivers of food choice and feature 3 case studies - from South Asia, South East Asia and East Africa. It will create audience interaction and close with reflections on key policy entry points and next steps on building a research agenda on understanding drivers of food choice to help shape dietary choices. The symposium reflects research done collaboratively between the CGIAR, national research partners in case study countries and French collaborating institutes. The program will unfold as follows: Opening remarks by co-chairs Framing presentation on conceptualizing drivers of food choice behaviors and drivers of these behaviors with available evidence. Case study 1: Insights on drivers of food choice in South Asia from primary surveys and evidence reviews Case study 2: Insights on drivers of adolescent food choice in Vietnam and potential innovations (co-presented with Truong Tuyet Mai and Phuong Ngo Thi Ha, NIN, Vietnam Case study 3: Drivers of food choice in Ethiopia Q&A Reflections: Policy entry points across the food system that target diverse drivers of food choice. Reflections: Strengthening the global research agenda on drivers of food choice Provide a conceptual understanding of how to measure and diagnose drivers of food choice in low- and middle-income country settings Provide evidence on new efforts to measure and identify the most salient drivers of food choices Reflect on innovations and policy solutions to tackle drivers of food choices across the food system Improving sustainable healthy diets is a key goal to help tackle malnutrition in all its forms around the world. Unfortunately, diets today are suboptimal for most vulnerable populations around world, owing to the combined impact of four broad drivers of dietary choice: availability, accessibility, affordability and desirability. Despite the strong recognition that supporting improvements in dietary choices will require efforts that tackle all known drivers of how people make choices, there is limited insight on how to conceptualize, measure, diagnose and prioritize the major drivers of dietary choices in diverse contexts. There is also limited insight on delivering solutions that tackle drivers of dietary choice in low- and middle-income countries.

LISTE DES INTERVENANTS

MANAGER

P. MENON

CHAIR(S)

P. MENON

08:00 - 08:15

TBC

F. AKTER

08:15 - 08:30

TBC

C. BLAKE

08:30 - 08:45

TBC

A. LE PORT

08:45 - 09:00

TBC

S. NICKLAUS

09:00 - 09:15

TBC

R. PRADEILLES

09:15 - 09:30

TBC

S. SCOTT

Thursday August 28th

08:00 - 09:30

STRENGTHENING DEMAND FOR VEGETABLES- EVIDENCE, INVESTMENT OPPORTUNITIES, AND PROGRAMMATIC LEARNINGS

SY116

SCIENTIFIC SYMPOSIUM

Room 242A



DESCRIPTION

Strengthening Demand for Vegetables: Evidence, Investment Opportunities, and Programmatic Learnings i) Highlight the scale of the problem surrounding low vegetable consumption and the evidence on the effectiveness of demand-side interventions for increasing fruit and vegetable intake. ii) Present high-impact areas for immediate investment in demand-side interventions. iii) Discuss approaches developed from research insights aimed at increasing vegetable demand, including lessons learned for future directions. Vegetables are essential for healthy diets, yet global consumption falls far below WHO recommendations. This symposium focuses on evidence and approaches to boost vegetable demand and support healthier, sustainable diets. Presentations: 1) Nadia Koyratt – Impact of different intervention strategies to improve fruit and vegetable intake in HIC and LMIC: A Scoping Review, 2) Erin McGuire – Landscape of Global Horticultural Investments, for immediate investment in demand-side interventions, 3) Illana Cliffer - How lived experiences with the food environment shape vegetable choices, 4) Anthony Wenndt – Using human-centered design (HCD) to co-create demand-side interventions to increase fruit and vegetable intake in Tanzania and Sri Lanka, 5) Salomé Bukachi – Factors influencing vegetable consumption among urban communities in Kenya, 6) Eva Monterrosa – A brand approach for generating desire and improving purchases for vegetables in Benin, Uganda, and Kenya.

LISTE DES INTERVENANTS

MANAGER

W. GONZALEZ

CHAIR(S)

D. OLNEY

W. GONZALEZ

08:00 - 08:15

USING HUMAN-CENTERED DESIGN (HCD) TO CO-CREATE DEMAND-SIDE INTERVENTIONS TO INCREASE FRUIT AND VEGETABLE INTAKE IN TANZANIA AND SRI LANKA

A. WENNDT

08:15 - 08:30

LANDSCAPE OF GLOBAL HORTICULTURAL INVESTMENTS, FOR IMMEDIATE INVESTMENT IN DEMAND-SIDE INTERVENTIONS

E. MCGUIRE

08:30 - 08:45

A BRAND APPROACH FOR GENERATING DESIRE AND IMPROVING PURCHASES FOR VEGETABLES IN BENIN, UGANDA, AND KENYA

E. MONTERROSA

08:45 - 09:00

HOW LIVED EXPERIENCES WITH THE FOOD ENVIRONMENT SHAPE VEGETABLE CHOICES

I. CLIFFER

09:00 - 09:15

IMPACT OF DIFFERENT INTERVENTION STRATEGIES TO IMPROVE FRUIT AND VEGETABLE INTAKE IN HIC AND LMIC: A SCOPING REVIEW

N. KOYRATTY

09:15 - 09:30

FACTORS INFLUENCING VEGETABLE CONSUMPTION AMONG URBAN COMMUNITIES IN KENYA

S. BUKACHI

Thursday August 28th

08:00 - 09:30

ACCELERATING THE SUSTAINABLE SCALE-UP OF MULTIPLE MICRONUTRIENT SUPPLEMENTS (MMS) FOR HEALTHIER PREGNANCIES IN LOW- AND MIDDLE-INCOME COUNTRIES

SY119

SCIENTIFIC SYMPOSIUM

Room 251



DESCRIPTION

This 90-minute scientific symposium will be facilitated by Anirudh Poddar from Sight and Life structured as follows: Introduction (5 min) – Child Investment Fund Foundation (CIFF) Presentation 1 (15 min): Private sector market-based model in Bangladesh - Adherence, Motivations (SMC and icddr,b) Presentation 2 (15 min): Public Sector Distribution in Ethiopia: Adherence and Motivations (UNICEF and Johns Hopkins University) Panel Discussion (45 min): Key policy and programmatic considerations for MMS implementation in public and private sector ensuring availability, accessibility and adherence (Panelists: Rwanda Biomedical Center, Rwanda | SID Indonesia | Nemat Hajeeshoy, UNICEF Nigeria | Sarah Gibson, CIFF; Moderator – Shashank Sarvan, Sight and Life) Key takeaways & closing remarks (5 min) – Sight and Life The session will bring together key global and country-level stakeholders championing the rollout of MMS in Low- and Middle-Income countries (LMICs) with the following objectives: 1) Share results from the evaluation of the first market-based UNIMMAP MMS, including drivers of adherence; 2) Share learnings from the largest demonstration project for public sector distribution of MMS; 3) Share learnings on regulatory/enabling environment for MMS; and 4) Engage countries in reflection of learnings and how these will impact scaling MMS. Over 45 LMICs are exploring the transition from Iron-Folic Acid (IFA) to Multiple Micronutrient Supplements (MMS). MMS is supported by two decades of clinical trials demonstrating superior efficacy over IFA in improving birth outcomes, including reductions in the risks of low birth weight, stillbirth, and small-for-gestational age. According to the recent Copenhagen Consensus, MMS is among the 12 best investments for global development, yielding an estimated \$37 return for every dollar invested. Despite its proven benefits, the full health impact of MMS depends not only on policy adoption but also on improving adherence among pregnant women. Research indicates that adherence to antenatal supplementation is influenced by factors such as formulation acceptability, supply chain reliability, healthcare provider counseling, and sociocultural perceptions. Addressing these barriers is critical to maximizing the effectiveness of MMS and ensuring meaningful health gains for mothers and infants. Consequently, many countries are not only pursuing policy change but also investigating evidence-based strategies to enhance adherence, including behavioral interventions, improved service delivery models, and digital tracking mechanisms.

LISTE DES INTERVENANTS

MANAGER

A. PODDAR,

CHAIR(S)

S. SARVAN

08:00 - 08:15

TBC

A. PODDAR,

08:15 - 08:30

TBC

A.H.. SHANKAR

08:30 - 08:45

TBC

N. HAJEEBHOY

08:45 - 09:00

TBC

S. GIBSON

09:00 - 09:15

TBC

T.U. KHAN

Thursday August 28th

11:15 - 12:45

ULTRA-PROCESSED FOODS AND ENERGY BALANCE- MORE THAN JUST FOOD COMPOSITION?

SY128

SCIENTIFIC SYMPOSIUM

Room Maillot



DESCRIPTION

Introduction from the Session Chairs; Dr. David Mela / Emeritus Prof. Kees De Graaf. Speaker 1; Prof. Edith Feskens (WUR) – “Recent Developments in Dietary Epidemiology: Associations between Ultra-Processed Food Consumption and Health Outcomes” Speaker 2; Assistant Prof. Marlou Lasschuijt (WUR) “Testing the role of Meal Texture and Eating Rate on Energy intake from UPF Meals and Diets; Findings from the RESTRUCTURE Trial”. Speaker 3; Marieke van Bruinessen (PhD student, WUR) “Comparing Metabolic Changes in UPF-Fast versus UPF-Slow Diets: Findings from the RESTRUCTURE Trial”. Speaker 4; Prof. Ciarán Forde (WUR) – “Implications of the RESTRUCTURE Trial findings and Future Directions to improve the Food Environment”. Rising interest in the impact of diets dominated by ultra-processed foods (UPFs) has led to widespread speculation on the compositions, processes and sensory properties of UPFs that may influence their relationships with health, yet to date consensus on specific causal mechanisms remains elusive. The symposium will evaluate the evidence from epidemiological research linking UPF to adverse health outcomes (Prof. Feskens) and present new findings from the RESTRUCTURE RCT (<https://clinicaltrials.gov/study/NCT06113146>), a 2x2 week cross-over RCT investigating whether ad libitum food and energy intake from UPF diets are affected by meal eating rate (Dr. Lasschuijt). The findings of the RESTRUCTURE trial (<https://restructureproject.org/>) will answer the question whether eating rate moderates energy intake from UPF-rich diets, and if there are additional behavioural and metabolic mechanisms associated with consumption of UPF diets varying in eating rate (Marieke van Bruinessen). These findings will be discussed in the broader context of public health guidance and food reformulation opportunities for the food industries (Prof. Forde). Ultra-processed foods (UPFs) are defined by the NOVA categorisation scheme as “industrial formulations made entirely from food derivatives, chemical substances, and a series of processes, bearing little resemblance to the original food material”. Epidemiological studies and a single randomized controlled trial (RCT) have shown positive associations between diets high in UPFs and increased energy intake, weight gain, and metabolic dysfunction. Despite this evidence and a growing sense of the need for industry wide action, to date there is no consensus on the properties of UPFs that drive these associations. Without this understanding it will not be possible to improve the food environment in an informed way.

LISTE DES INTERVENANTS

MANAGER

M. LASSCHUIJT

CHAIR(S)

M. LASSCHUIJT

11:15 - 11:30

INTRODUCTIN

D. MELA

11:30 - 11:45

TESTING THE ROLE OF MEAL TEXTURE AND EATING RATE ON ENERGY INTAKE FROM UPF MEALS AND DIETS; FINDINGS FROM THE RESTRUCTURE TRIAL

M. LASSCHUIJT

11:45 - 12:00

ULTRA-PROCESSED FOODS AND ENERGY BALANCE- MORE THAN JUST FOOD COMPOSITION?

K. DE GRAAF

12:00 - 12:15

RECENT DEVELOPMENTS IN DIETARY EPIDEMIOLOGY: ASSOCIATIONS BETWEEN ULTRA-PROCESSED FOOD CONSUMPTION AND HEALTH OUTCOMES

E. FESKENS

12:15 - 12:30

IMPLICATIONS OF THE RESTRUCTURE TRIAL FINDINGS AND FUTURE DIRECTIONS TO IMPROVE THE FOOD ENVIRONMENT

C. FORDE

12:30 - 12:45

COMPARING METABOLIC CHANGES IN UPF-FAST VERSUS UPF-SLOW DIETS: FINDINGS FROM THE RESTRUCTURE TRIAL

M. VAN BRUINESSEN

Thursday August 28th

11:15 - 12:45

FUNCTIONAL LIPIDS & HUMAN HEALTH

SY139

SCIENTIFIC SYMPOSIUM

Room 342B



DESCRIPTION

Advanced evidence of functional lipids and human health will be presented and discussed in the symposium. On the premise of isocaloric, increasing total fat intake can significantly increase body weight, body mass index, waist circumference, serum total cholesterol (TC) and low-density lipoprotein cholesterol (LDL-C). Replacement of saturated fatty acid with monounsaturated fatty acid and polyunsaturated fatty acid significantly decreased serum TC and LDL-C, resulting in a significantly decreased risk of cardiovascular disease (CVD) events. Existing evidence shows that increasing dietary intake of n-3 polyunsaturated fatty acids has beneficial effects on CVD, blood pressure, serum triacylglycerol, type 2 diabetes, breast cancer, acute respiratory distress syndrome, non-alcoholic fatty liver disease and chronic kidney disease, and improve symptoms of cognition and depression.

Prof. Duo Li, Qingdao University, China, [He will give a lecture on the overview of latest evidence on the classification, sources, absorption, metabolism, DNA demethylation, and effects and mechanisms on cognition and depression of functional lipids.](#)

Prof. Andrew J Sinclair, Deakin University, Australia, he will give a lecture on Variability in plasma n-3 PUFA levels in response to n-3 PUFA supplementation in the postprandial period is independent of lipid structure of the supplement. What are the biological implications of the variability?

Prof. Jingxuan Kang, Harvard Medical School, United States of America, he will give a lecture on the Effect of supplementing n-3 PUFA on the ratio of n-3 PUFA to n-6 PUFA in tissue membranes, as well as the impact on CVD and risk factors and latest mechanism study. The study of fat-1 and fat-2 animal models in relation to ratio of n-3 PUFA to n-6 PUFA in tissue membranes and non-communicable diseases will also be discussed.

Prof. Yonghua Wang, South China University of Technology, China, she will give a lecture on the effects and mechanisms of uncommon lipids such as furan fatty acids, diacylglycerol, conjugated linolenic acids, etc. on metabolic diseases and risk factors.

LISTE DES INTERVENANTS

MANAGER

D. LI

CHAIR(S)

D. LI

11:15 - 11:45

TBC

J. KANG

11:45 - 12:15

TBC

A.J. SINCLAIR

12:15 - 12:45

TBC

Y. WANG

Thursday August 28th

08:00 - 09:30

THE MOTHERS, INFANTS AND LACTATION QUALITY (MILQ) STUDY. DEVELOPMENT OF NUTRIENT REFERENCE VALUES FOR HUMAN MILK

SY115

SCIENTIFIC SYMPOSIUM

Room 241



DESCRIPTION

This session, consisting of four lectures and a Q&A panel discussion will form the first of two linked sessions presenting data from the global, multicentre Maternal, Infant and Lactation Quality (MILQ) study. Speakers will be drawn from the MILQ consortium team. To describe the recently developed Reference Values for human milk nutrients, this session will include four lectures presenting data on: - The MILQ study design and protocol - Human milk nutrient Reference Values - Predictors of human milk nutrients - Human milk bioactives and child health outcomes The World Health Organization recommends exclusive breastfeeding for the first 6 months of life and continued breastfeeding up to or beyond 2 years of age. However, there is limited reliable data on the quality of human milk with respect to many nutrients, especially micronutrients. To meet this evidence gap, the multicentre MILQ study has developed Reference Values (RVs) for human milk nutrients. In this session, the MILQ study will be described in detail including a presentation of milk nutrient RVs and a discussion on how these data are being integrated with data on other bioactives, to help improve our understanding of the biology of human milk as it relates to maternal and child health.

LISTE DES INTERVENANTS

MANAGER

S. MOORE

CHAIR(S)

S. MOORE

08:00 - 09:30

TBC

L. ALLEN

Thursday August 28th

11:15 - 12:45

NUDGING FOR GOOD- AI-DRIVEN DIAGNOSTICS AND BEHAVIOR CHANGE TO IMPROVE DIETS AND NUTRITION

SY132

SCIENTIFIC SYMPOSIUM

Room 243



DESCRIPTION

The symposium includes presentations and moderated Q&A: Introduction on AI- assisted food recognition, portion estimation and personalized nudging to improve diets (15m, Dr Aulo Gelli, IFPRI) AI-assisted dietary assessment in adolescent females in Sri Lanka: Validity against weighed records and comparison with 24-h recalls (15m, Dr Renuka Silva, Wayamba University) Feasibility and effectiveness of using mobile phone AI-assisted dietary assessment and nudging to improve diets in female youth aged 18-24 years: experimental evidence from urban Ghana. (15m, Dr Gloria Folson, University of Ghana) Real-time AI-assisted monitoring of school meal programs in Vietnam. (15m, Dr Phuong Nguyen, IFPRI) Q&A (30m) Provide an overview of innovative AI-assisted approaches to dietary assessment Present new evidence on the validity and feasibility of use of AI-assisted technology in low- and middle-income countries Highlight challenges and opportunities provided by AI-assisted food recognition Global burden of disease estimates suggest that 20% of global deaths are caused by unhealthy diets. The modernization of food systems in low- and middle-income countries (LMIC) has led to shifts to unhealthy diets and reductions in physical activity that have contributed to increases in rates of overweight and obesity. Up-to date dietary intake data are essential for effective evidence-based nutrition actions. However, dietary assessment is complex and expensive. Dietary assessment surveys often use multi-pass 24-hour recall (24HR) methods that have been validated for use in adults reporting their intake and/or that of their young children, as well as in adolescents. The costs of conducting a 24HR are of the order of \$500 per assessment. While mobile-phone based dietary assessment has the potential to lower costs only a few tools have been validated and assessed for feasibility of use in LMICs. In response to these challenges, the Nudging for Good project developed, validated, and assessed the feasibility of adopting innovative artificial intelligence (AI) assisted mobile technology to provide real-time diagnostics on dietary intake. The PlantVillage Food Recognition Assistance and Nudging Insights (or FRANI) app has demonstrated the capability to estimate food and nutrient intakes at least as accurately as a trained dietician undertaking a 24HR in adolescents in Ghana and Vietnam.

LISTE DES INTERVENANTS

MANAGER

A. GELLI

CHAIR(S)

A. GELLI

11:15 - 11:35

**INTRODUCTION ON AI- ASSISTED FOOD RECOGNITION, PORTION ESTIMATION AND
PERSONALIZED NUDGING TO IMPROVE DIETS**

A. GELLI

11:35 - 11:55

**FEASIBILITY AND EFFECTIVENESS OF USING MOBILE PHONE AI-ASSISTED DIETARY
ASSESSMENT AND NUDGING TO IMPROVE DIETS IN FEMALE YOUTH AGED 18-24 YEARS:
EXPERIMENTAL EVIDENCE FROM URBAN GHANA**

G.K. FOLSON

11:55 - 12:15

REAL-TIME AI-ASSISTED MONITORING OF SCHOOL MEAL PROGRAMS IN VIETNAM

P. NGUYEN

12:15 - 12:35

**AI-ASSISTED DIETARY ASSESSMENT IN ADOLESCENT FEMALES IN SRI LANKA: VALIDITY
AGAINST WEIGHED RECORDS AND COMPARISON WITH 24-H RECALLS**

R. SILVA

Thursday August 28th

11:15 - 12:45

LONGITUDINAL GROWTH TRACKING TO IDENTIFY AND ADDRESS GROWTH FALTERING IN LMICS- FINDINGS OF THE SRI LANKA CHILD GROWTH COHORT (SLCGC)

SY134

SCIENTIFIC SYMPOSIUM

Room 252A



DESCRIPTION

1. Growth during first two years of life: Example from an LMIC - (Dr. Yasaswi Walpita) SLCGC is a retrospective cohort study that recruited 1875, term 12-24 month old children, across the country from 3 sectors, urban, rural & estate. This presentation describes the cohort profile, and nutritional status, IYCF practices, child care, childhood illness, food and micronutrient and health services of these children, with the aim of identifying causes in order to design interventions to address childhood malnutrition in LMICs. Profile is published at; bmjopen.bmj.com/content/14/10/e088269 2. Determinants of maternal nutrition and birth weight. (Dr. Shreenika Weliange) Low birth weight (LBW), a global problem, is associated with a range of both short- & long-term consequences affecting human capital. This aims to summarize socio-demographic and pregnancy-related determinants of birth weight and influence of demographic and economic factors on maternal nutritional parameters namely, maternal height, BMI, anaemia status and pregnancy weight gain. 3. Validity of methods to predict future growth faltering and adverse outcomes in infants and young children: (Prof. Upul Senarath). Poor weight gain in the first 1000 days of life is a risk factor for poor health outcomes, that can be identified during growth monitoring. This study provides evidence that early deceleration of WAZ score, compared to birth is predicts how they later become underweight, stunted or wasted. A cut-off point with a sensitivity ($\geq 80\%$) and specificity ($\geq 60\%$) was identified. On average, onset of growth faltering is detected around 3 months of age and showed sector variation. Significant predictors were household poverty, early growth faltering, and early discontinuation breastfeeding. 4. Impact of IYCF practices on physical growth: (Prof. VP Wickramasinghe). Increased dietary diversity has an effect on reducing stunting. Despite an adequate level of dietary diversity, animal sources of food were lower during early complementary feeding. Responsive feeding practices were poor. Conclusions by the co-chairs: The 4 speeches shared methods and findings of SLCGC together with international evidence, in order to build global consensus regrading methods and cutoff to identify growth faltering. They also discussed early predictors, and outlined action for interventions. To disseminate findings of the SLCGC study, build global consensus regrading methods and cutoff to identify growth faltering, early predictors, and outline action for interventions. Undernutrition remains a challenging and unresolved public health problem in low- and middle income countries. The term 'faltering growth' is widely used to refer to a slower rate (weight gain). Children with faltering growth is identified by routine growth monitoring. The cause of faltering growth in the absence of a specific underlying health condition is likely to be complex and multifactorial.

LISTE DES INTERVENANTS

MANAGER

V.P. WICKRAMASINGHE

CHAIR(S)

M. DIBLEY

V.P. WICKRAMASINGHE

11:15 - 11:35**GROWTH DURING FIRST TWO YEARS OF LIFE: EXAMPLE FROM AN LMIC**

Y.N. WALPITA

11:35 - 11:55**DETERMINANTS OF MATERNAL NUTRITION AND BIRTH WEIGHT**

S. DE SILVA WELIANGE

11:55 - 12:15**VALIDITY OF METHODS TO PREDICT FUTURE GROWTH FALTERING AND ADVERSE OUTCOMES IN INFANTS AND YOUNG CHILDREN**

U. SENARATH

12:15 - 12:35**IMPACT OF IYCF PRACTICES ON PHYSICAL GROWTH**

V.P. WICKRAMASINGHE

Thursday August 28th

11:15 - 12:45

PROTEIN IN THE HUMAN DIET- BALANCE BETWEEN ADEQUACY AND SUSTAINABILITY

SY135

SCIENTIFIC SYMPOSIUM

Room 252B



DESCRIPTION

Topic 1: Rajavel Elango - Focus on dietary protein and amino acid needs o Adequacy for individual amino acids, and implication across life-cycle o Requirements, animal vs plant protein sources, bioavailability of protein and amino acids o Discuss FAO/IAEA of the United Nations initiatives on protein nutrition (including protein food digestibility database, meeting global demands for protein foods) Topic 2: Adam Drewnowski - How to balance nutrient and planetary health o emphasize protein rich foods, are also balanced in various essential nutrients (we do not eat protein in isolation – rather as foods with varied contents) o Impact of animal vs plant protein sources in current diets – global focus o Future steps to balance both protein food sources and human health Topic 3: Ty Beal - Health and environmental benefits and risks of alternative animal-source foods (Alt-ASFs) compared with ASFs o Differences in nutritional quality o Differences in health outcomes o Differences in environmental impacts This session will highlight: -Importance of protein and amino acids for humans; global importance placed by United Nations (FAO, IAEA) by establishing dietary requirements, protein quality estimates, and a database. -Broader context of how traditional protein-source foods fit at nutritional and health level. -Alternative animal source foods, and differences in nutritional quality, health outcomes and environmental impacts With a global human population that reached 8 billion in 2022, and expected to increase to >10 billion by 2080, there is an increasing concern about food security. Of particular concern are protein-source foods. On the one hand animal source proteins are considered of relative higher quality, but stated to be more demanding from an environmental perspective. On the other hand, plant source proteins, and the rise in popularity of plant-based diets has increased awareness, but questions still remain about overall protein/amino acid adequacy, and overall nutrient adequacy and diet quality. The impacts might be different across the world based on economic, socio-economic and cultural factors.

LISTE DES INTERVENANTS

MANAGER

R. ELANGO

CHAIR(S)

R. ELANGO

11:15 - 11:45

PROTEIN IN THE HUMAN DIET- BALANCE BETWEEN ADEQUACY AND SUSTAINABILITY

T. BEAL

11:45 - 12:15

PROTEIN IN THE HUMAN DIET- BALANCE BETWEEN ADEQUACY AND SUSTAINABILITY

A. DREWNOWSKI

Thursday August 28th

11:15 - 12:45

PERSONALIZED NUTRITION FOR HEALTH AND CHRONIC DISEASES MANAGEMENT

SY136

SCIENTIFIC SYMPOSIUM

Room 253



DESCRIPTION

This scientific symposium is offered by Ibero-American Network of Nutriomics and Precision Nutrition (RINN22), which is a scientific association devoted to precision nutrition and health research, contributing to an academic extension in our countries since 2022. Claudio A. Bernal will present on "The potential role of functional lipids in preventing metabolic diseases." Ana Laura de la Garza will present on "Lipidomic interactions with the microbiota in children with metabolic syndrome." Alberto Ángel Martín will present on "Nutriomic Effects of Precision Lipids Induced by High-Fat Diets." J. Alfredo Martínez will present on "Epigenetic signatures as linked to Mediterranean Diet intake." Fermín I. Milagro will present on "Influence of dietary factors on the gut microbiota." Karina dos Santos will present on "Precision Nutrition for Women's Health." José L. Santos will present on "Mediterranean Diet, metabolomics and steatotic liver disease in Chile." Bárbara Vizmanos will present on "Genotype interactions with antioxidant intake." Analyze the relationships between nutrigenetics and personalized nutrition to develop individualized dietary strategies that prevent and treat chronic diseases. Investigate the impact of nutrients and bioactive compounds on the gut microbiota and their influence on metabolic processes to optimize nutritional interventions. Evaluate human and animal models in studying the interaction between food, the microbiota, and the genome to provide precision personalized nutrition insights. Explore metabolomics markers with the goal of developing effective nutritional interventions for the prevention and management of chronic diseases. Personalized nutrition enables the adaptation of diets according to individual needs, based on the study of nutrigenetics and metabolomics to improve health and prevent chronic diseases such as diabetes or cardiovascular diseases where sex may have a role. Nutrients and bioactive compounds occurring in foods influence the gut microbiota, directly impacting the regulation of metabolic processes and the risk of chronic diseases. Furthermore, human and animal models are essential in researching the interaction of foods and bioactive compounds with the microbiota and the genome as well as metabolomic signatures, providing integral information for the development of precision personalized nutrition. Finally, human research has shown that nutrition can modulate different metabolomics markers, offering new perspectives for nutritional interventions focused on managing chronic diseases.

LISTE DES INTERVENANTS

MANAGER

A.L. DE LA GARZA

CHAIR(S)

A.L. DE LA GARZA

11:15 - 11:25

LIPIDOMIC INTERACTIONS WITH THE MICROBIOTA IN CHILDREN WITH METABOLIC SYNDROME

A.L. DE LA GARZA

11:25 - 11:35

NUTRIOMIC EFFECTS OF PRECISION LIPIDS INDUCED BY HIGH-FAT DIETS.

A. ANGEL MARTÍN

11:35 - 11:45

THE POTENTIAL ROLE OF FUNCTIONAL LIPIDS IN PREVENTING METABOLIC DISEASES

C.A.. BERNAL,

11:45 - 11:55

PRECISION NUTRITION FOR WOMEN'S HEALTH

K. DOS SANTOS

11:55 - 12:05

EPIGENETIC SIGNATURES AS LINKED TO MEDITERRANEAN DIET INTAKE

A. MARTINEZ

12:05 - 12:15

INFLUENCE OF DIETARY FACTORS ON THE GUT MICROBIOTA

F.I.. MILAGRO

12:15 - 12:25

MEDITERRANEAN DIET, METABOLOMICS AND STEATOTIC LIVER DISEASE IN CHILE

J.L.. SANTOS

12:25 - 12:35

GENOTYPE INTERACTIONS WITH ANTIOXIDANT INTAKE

B. VIZMANOS LAMOTTE

Thursday August 28th

11:15 - 12:45

CAN AFRICA REDUCE THE 2025 PROJECTED BILL OF 110 BILLION USD OF FOOD IMPORTS?

SY137

SCIENTIFIC SYMPOSIUM

Room 341



DESCRIPTION

3 Oral presentations followed Q&A. Each presentation is 20 Minutes. Creating demand that sustains food production and supply chains in particular to the urban consumer in Africa- Prof Anna Larrey The role of standards in completing the data base on African diets and food ways in the different ecological zones- Dr Arne Duebecke The role, of food technology, the Chefs, and the food processing industry in crating the demand and realizing the integration of home grown foods in food supply chains- Dr Cissy Mady This is in line with the Agenda 2063: Second Ten-Year Implementation Plan (2024 – 2033) of AUDA-NEPAD, in particular the acceleration phase priority of "industrialization and value added".

LISTE DES INTERVENANTS

MANAGER

R. FUNGO

CHAIR(S)

R. FUNGO

11:15 - 11:30

THE ROLE OF STANDARDS IN COMPLETING THE DATA BASE ON AFRICAN DIETS AND FOOD WAYS IN THE DIFFERENT ECOLOGICAL ZONES

A. DUEBECKE

11:30 - 11:45

CREATING DEMAND THAT SUSTAINS FOOD PRODUCTION AND SUPPLY CHAINS IN PARTICULAR TO THE URBAN CONSUMER IN AFRICA

A. LARTEY

11:45 - 12:00

**THE ROLE, OF FOOD TECHNOLOGY, THE CHEFS, AND THE FOOD PROCESSING INDUSTRY IN
CRATING THE DEMAND AND REALIZING THE INTEGRATION OF HOME GROWN FOODS IN
FOOD SUPPLY CHAINS**

C. MADY

12:00 - 12:15

TBC

K. PEREKO

12:15 - 12:30

TBC

H. WASSEF

12:30 - 12:45

TBC

F. ZOTOR

Thursday August 28th

11:15 - 12:45

UNIQUE CHALLENGES AND OPPORTUNITIES FOR SUSTAINABLE DIETS AND FOOD SYSTEMS IN OCEANIA

SY138

SCIENTIFIC SYMPOSIUM

Room 342A



DESCRIPTION

Introduction - overview of unique challenges in the Oceania region Mitigation, adaptation and resilience strategies for sustainable diets and food systems at the local, national and regional level: Examples from Pacific Countries, New Zealand and Australia Political, governance and economic drivers of (un)sustainable diets and food systems, respective challenges and opportunities Expert Panel Discussion & Summary Provide an overview of the unique challenges and opportunities that exists in Pacific Islands countries, Australia, and New Zealand relating to shifts towards more sustainable diets and food systems. Present current food policies and local actions being undertaken to address these challenges, offering valuable insights that can be adapted to other regions. Provide a discussion forum for symposium attendants to facilitate exchange of knowledge and experiences and engagement around action focused solutions for sustainable diets and food systems in Oceania. Showcase the leadership and global partnerships of IUNS member organisations in sustainable food systems across the Oceania region. Oceania, which includes Australia, New Zealand and Pacific Island countries, faces unique challenges and opportunities in establishing sustainable food systems. The region is especially vulnerable to natural disasters such as floods, bushfires and droughts, alongside the ongoing impacts of climate change. Most Pacific Island countries are characterised by small land masses and geographical isolation, creating unique challenges to maintain food systems that sustain health and provide food security in the face of climate related shocks to local agriculture and food imports. Conversely, New Zealand and Australia, with their sufficient land mass and status as net food exporters, must adapt their established food systems to meet climate change mitigation, adaptation and resilience goals, address UN Sustainable Development Goals, and reduce rural/urban inequities. This symposium will discuss these diverse contexts, identify shared and unique challenges while showcasing innovative solutions and future strategies. Expert presenters from across the Oceania region will share their insights and offer valuable perspectives. The session will conclude with an interactive panel discussion allowing international delegates to engage with Oceania experts, facilitating a mutual exchange of knowledge and strategies.

LISTE DES INTERVENANTS

MANAGER

W. STONEHOUSE

CHAIR(S)

J. VAN DER POLS

11:15 - 11:30

TBC

J. BOGARD

11:30 - 11:45

TBC

K. CHARLTON

11:45 - 12:00

TBC

D. HUNTER

12:00 - 12:15

TBC

M. LAWRENCE

12:15 - 12:30

TBC

N. SMITH

Thursday August 28th

11:15 - 12:45

EXPLORING SEAWEED POTENTIAL AS A SUSTAINABLE FOOD SOURCE

SY130

SCIENTIFIC SYMPOSIUM

Room 242A



DESCRIPTION

Seaweeds have been used by human as food for centuries mostly in coastal areas. This naturally available marine resource is nutritionally dense since some seaweeds contain protein level similar to soy bean or egg, meeting the FAO requirement of essential amino acid profile; as well as relatively high amount of essential microconstituents (e.g. vitamins C, B complex, A, E and minerals) and fibres. This interesting nutritional profile could thus contribute to healthy diet. Algae are also an important source of phytochemicals compounds (polyphenols, carotenoids ...) that have been proposed as plausible nutraceuticals and may thus help to prevent complications induced by high-calorie diet, typical of the Western population. In addition, they present positive characteristics of production with low environmental and high societal impacts such as reduction of soil degradation and use of arable land or decrease in freshwater consumption. They also benefit from the EU's Farm to Fork strategy indeed specifically mentions 'well-targeted support for the algae industry, as algae should become an important source of alternative protein for a sustainable food system and global food security. However, despite a promising potential as new food in Western, only 1% of produced seaweeds are used as food like vegetable, available mainly from producers with short marketing circuit, and with organic labels most of the time. This workshop aims to present an overview of seaweeds potential as a sustainable food source including protein and phytochemical products extraction, evaluation of protein quality in terms of nutritional value, sensory properties with a focus on species with high nutritional and commercial potential (Saccharina, Ulva, Palmaria and Porphyra). It will facilitate international and cross-sector collaboration and is expected to drive forward the edible seaweed sector in France and internationally by promoting an integrated approach that combines innovation, sustainability, and product accessibility. This workshop will take the form of 3 20-minute lectures (L. Pereira - nutraceutical products from seaweed / H. Marfaing - French food seaweed market and nutritional properties / S. Holdt (to be confirmed) - nutritional properties and extraction processes) followed by a round-table with attendees participation. In a context of food sustainability, the real challenge is not only to limit the consumption of animal proteins but also to offer new healthy alternative food source leading to nutritious and better-balanced diets. This session is being held as part of the FRANCE 2030 PROMALG-Health (Seaweed proteins for a healthy and sustainable food source in hospital) project involving nutrition research and catering service of a French hospital in Brittany.

LISTE DES INTERVENANTS

MANAGER

N. BOURGOUGNON

CHAIR(S)

N. BOURGOUGNON

11:15 - 11:35

TBC

A. LAN

11:35 - 11:55

TBC

H. MARFAING

11:55 - 12:15

TBC

L. PEREIRA

12:15 - 12:35

TBC

L.H. SUSAN

Thursday August 28th

11:15 - 12:45

ADDRESSING THE MULTIPLE BURDENS OF MALNUTRITION THROUGH DOUBLE-/MULTIPLE-DUTY ACTIONS- A CALL FOR INTEGRATED APPROACHES

SY131

SCIENTIFIC SYMPOSIUM

Room 242B



DESCRIPTION

Malnutrition remains a significant global challenge, particularly in low and middle-income countries (LMICs). These countries are grappling with a double burden of malnutrition (DBM): persistent undernutrition (including underweight, child stunting and wasting and micronutrient deficiencies) alongside a surge in overweight, obesity, and diet-related non-communicable diseases (NCDs). The 2020 Lancet Series on the DBM recommended "Double Duty Actions"(DDAs) to address all forms of malnutrition and prevent the unintended consequences of addressing undernutrition and overweight in separate silos. This session will explore the rationale and opportunities for accelerating implementation of DDAs, suggest ways to repurpose existing nutrition interventions, and present new evidence from literature reviews and case studies from Ethiopia, Ghana, and Laos. The session will also include a discussion on how to incorporate climate considerations into "triple" or "multiple duty" actions to address the global syndemic of undernutrition, obesity, and climate change. The session has the following objectives: 1) Review the rationale and opportunities for double (multiple) duty actions (DDAs) that address multiple forms of malnutrition 2) Share results of a systematic literature review on the impacts of nutrition interventions on the double burden of malnutrition (DBM) and discuss opportunities and scope for repurposing programs to address the double/multiple burdens of malnutrition 3) Highlight case studies from Ethiopia, Ghana, and Laos that focus on understanding the drivers of DBM and on retrofitting programs and policies to address multiple forms of malnutrition and prevent unintended harm 4) Introduce the concept and discuss triple/multiple actions that incorporate climate considerations to address the global syndemic of undernutrition, obesity, and climate change. The 2020 DBM Lancet Series called for double-duty actions (DDAs) to simultaneously address undernutrition and overweight/obesity. Progress, however, has been slow, and different forms of malnutrition continue to be addressed separately. A significant challenge is the entrenched separation in policy, research, and programmatic approaches. Undernutrition and obesity tend to be managed by different communities and actors, each with distinct funding streams, guidelines, and targets. This separation hinders the implementation of holistic strategies that address the common drivers of all forms of malnutrition, such as early-life nutrition, diet quality, unhealthy food environments, and socioeconomic factors. Moving forward, a concerted effort is needed to foster collaboration across sectors (e.g., health, education, social protection, and agriculture), align policies and programs, and ensure that funding mechanisms support integrated actions and shared outcomes.

LISTE DES INTERVENANTS

MANAGER

M. RUEL

CHAIR(S)

M. RUEL

11:15 - 11:30

TBC

C. HAWKES

11:30 - 11:45

TBC

S. GIE

11:45 - 12:00

TBC

A. LAAR

12:00 - 12:15

TBC

R. PRADEILLES

12:15 - 12:30

TBC

N.A.. ESCHER

Thursday August 28th

16:45 - 18:15

OBESITIES - NEW DEVELOPMENT IN OBESITY RESEARCH AND CARE

SY141

SCIENTIFIC SYMPOSIUM

Grand Amphitheatre



DESCRIPTION

Symposium on Obesity held jointly by FFN (French Federation of Nutrition) and AFERO (French Association for the Study of Obesity) The symposium aims to explore cutting-edge developments and future perspectives in the field of obesity research and treatment. Hosted as a collaborative effort between AFERO and FFN, the session titled "Obesity Session: Toward the Future" will bring together leading experts to discuss pressing topics that shape both current understanding and future directions in obesity care. Proposed symposium with 3 speakers

Obesities: Today and Tomorrow Presented by Prof. Karine Clément This talk will delve into the evolving landscape of obesity, highlighting the multifactorial nature of the condition and the challenges associated with its rising prevalence. The presentation will focus on the diversity of obesity phenotypes and emerging strategies for personalized care.

New Treatments: Benefits and Risks Presented by Dr. S Czernichow This session will provide an overview of recent therapeutic innovations for managing obesity, including pharmacological approaches and lifestyle interventions. It will critically evaluate their efficacy and safety profiles to guide future clinical applications.

Tools to Predict Outcomes in Bariatric Surgery Presented by Prof. F Pattou This presentation will explore the latest advancements in predictive tools for bariatric surgery outcomes.

LISTE DES INTERVENANTS

MANAGER

K. CLEMENT

CHAIR(S)

K. CLEMENT

J.A. NAZARE

16:45 - 17:15

OBESITIES: TODAY AND TOMORROW

K. CLEMENT

17:15 - 17:45

TOOLS TO PREDICT OUTCOMES IN BARIATRIC SURGERY

F. PATTOU

17:45 - 18:15

NEW TREATMENTS: BENEFITS AND RISKS

S. CZERNICHOW

Thursday August 28th

16:45 - 18:15

INTEGRATING PRECISION NUTRITION AND DIGITAL HEALTH

SY142

SCIENTIFIC SYMPOSIUM

Room Maillot



DESCRIPTION

Introduction (5 min) Speaker 1 Presentation (20 min): A new paradigm of AI-based personalized nutrition management for disease prevention Speaker 2 Presentation (20 min): Real-time nutritional assessment tools using IoT technologies Speaker 3 Presentation (20 min): Developing a customized nutrition management system using big data Concluding remarks (5 min) Panel discussion and Q&A (20 min) The symposium will present examples of applications of modern digital technologies to nutrition assessment and management for disease prevention and discuss diverse perspectives on integrating precision nutrition and digital health. Precision nutrition is an approach to developing the most effective nutritional recommendations and interventions based on an individual's unique characteristics, including genetics, microbiome, metabolic profile, health history, lifestyle, and food environment. In the modern digital era, various digital intelligence techniques have penetrated nutrition and empowered personalized disease prevention. For example, artificial intelligence and reality technologies are used to improve the accuracy of dietary assessment. The digital diet monitoring and evaluation system has been developed by integrating multiple nutritional and health databases. Wearable devices have also made nutrition assessment more efficient. This symposium will have three speakers with great knowledge and expertise in AI-based personalized nutrition management, IoT-based nutritional assessment tools, and big data-driven personalized nutrition management systems.

LISTE DES INTERVENANTS

CHAIR(S)

H. JOUNG

16:45 - 17:05

TBC

H. NOH

17:05 - 17:25

TBC

J.B. MOORE

17:25 - 17:45

TBC

M. TOUVIER

Thursday August 28th

16:45 - 18:15

VITAMINS, TRACE ELEMENTS AND MANAGING A CHANGING ENVIRONMENT: A SETVIB SYMPOSIUM

SY150

SCIENTIFIC SYMPOSIUM

Room 253



DESCRIPTION

The aim of the first conference will evaluate the differential impact of supplementations with several tomato genotypes differing in carotenoid content and subjected to different irrigation levels on obesity-associated disorders in mice.

Several studies have linked the intake of lycopene and/or tomato products with improved metabolic health under obesogenic regime. In this study, 80 male C57BL/6JRj mice were assigned into 8 groups to receive: control diet, high fat diet, high fat diet supplemented at 5% w/w with 4 tomato powders originating from different tomato genotypes cultivated under control irrigation : H1311, M82, IL6-2, IL12-4. Among the 4 genotypes, 2 were also cultivated under deficit irrigation, reducing the irrigation water supply by 50% from anthesis to fruit harvest. In controlled irrigation treatment, all genotypes significantly improved fasting glycemia and three of them significantly lowered liver lipids content after 12 weeks of supplementation. In addition, IL6-2 genotype, rich in β -carotene, significantly limited animal adiposity, body weight gain and improved glucose homeostasis as highlighted in glucose and insulin tolerance tests. No consistent beneficial or detrimental impact of deficit irrigation to tomato promoting health benefits was found. These findings imply that the choice of tomato genotype can significantly alter the composition of fruit carotenoids and phytochemicals, thereby influencing the anti-obesogenic effects of the fruit. In contrast, deficit irrigation appears to have an overall insignificant impact on enhancing the health benefits of tomato powder in this context, particularly when compared to the genotype-related variations in carotenoid content.

The second conference will focus on vitamin B12. Vitamin B12 plays a crucial role in cellular metabolism and neurological function, yet its deficiency remains underdiagnosed, particularly in populations shifting toward plant-based diets. As sustainable nutrition gains momentum, understanding and monitoring vitamin B12 status becomes increasingly important. This presentation will explore the clinical relevance of functional biomarkers such as methylmalonic acid (MMA) and homocysteine, which offer higher sensitivity than total serum B12 for detecting metabolic deficiency. We will discuss the physiological basis of these markers, their diagnostic value, and the limitations of traditional assays in the context of changing dietary patterns. Special focus will be placed on at-risk groups—including vegans, vegetarians, and the elderly and the implications for public health and clinical practice. Finally, we will address the challenges of implementing functional biomarker testing in routine care and explore strategies to integrate nutritional assessment into sustainable health systems.

The third conference will be focus on Selenium. Selenium is critical for antioxidant defense and redox potential control. This is remarkable given its very low concentration (10 - 15 mg in an adult), and its belonging to the oxygen family, like sulfur. It shares with them 2 high-energy electrons. As a result, most small selenocompounds, e.g. selenocysteine and selenite, are strong oxidants. It's role in E coli as in type II deiodinase has been highlighted by T Stadman and M Berry demonstrating that selenocysteine accelerate redox reaction by about 1000 fold. Our bodies could adapt to various selenium intake mostly provided by selenomethionine and selenocysteine. Fatal selenium deficiency (Keshan disease) is very rare. Intakes between 40 and 70 µg per day are recommended. But the classic U-shaped curve between deficiency and toxicity should be applied with caution to selenium. Selenium is never in ionic form, and toxicity of selenocompounds varies greatly. Optimal intake is difficult to define. With our current nutrition an intake of 100 to 150 µg/day may be optimal. 200 µg/day is the current maximum intake in Europe. It is especially important to distinguish when selenite is a nutrient, a chemotherapeutic agent (that should be an API) and a poison. Its cytotoxicity has been tested in several cell, at least nine animal studies, and in two phase I cancer patient trials. It is mainly concentration-dependent (threshold between 1 and 5 µmol/L). Selenite is teratogenic, mutagenic, and its lethal dose is similar to that of arsenic salts.

LISTE DES INTERVENANTS

MANAGER

T. DUPRÉ

CHAIR(S)

T. DUPRÉ

J.F. LANDRIER

16:45 - 17:15

IMPACT OF GENOTYPE SELECTION AND IRRIGATION STRATEGY TO OPTIMIZE TOMATO HEALTH EFFECTS IN A CONTEXT OF CLIMATE CHANGE

J.F. LANDRIER

17:15 - 17:45

EVALUATING VITAMIN B12 IN THE CONTEXT OF MODERN ALIMENTATION AND LIFESTYLE FACTORS: INSIGHTS FROM FUNCTIONAL BIOMARKERS

G. GRZYCH

17:45 - 18:15

SELENITE AND OTHER SELENIUM CONTAINING COMPOUNDS MAY BE NUTRIENTS OR CYTOTOXIC DRUGS WITH VARYING DEGREES OF OXIDATIVE TOXICITY

X. FORCEVILLE

Thursday August 28th

16:45 - 18:15

RESILIENCE AND INNOVATION FROM SOUTHERN AFRICA AND BEYOND

SY144

SCIENTIFIC SYMPOSIUM

Room 242A



DESCRIPTION

Climate-related events like droughts, floods, and shifting agricultural zones have profound impacts on food security and health outcomes in Southern Africa, further complicating efforts to improve the food and nutrition security status in this region. The symposium will address how climate change and sustainability intersect with nutrition and health, exploring strategies for building resilient, adaptive food systems that support long-term nutrition security. The symposium will be structured to encourage a multidisciplinary dialogue on climate change and nutrition through keynote presentations, panel discussions, and interactive Question and Answer sessions. This event convenes experts, policymakers, innovators, and researchers to address the complex and interconnected challenges of climate change, food security, sustainable development, and public health, particularly as they impact Southern Africa and resonate across the globe. The symposium aims to shed light on the pressing issues at this nexus, highlighting pathways for resilience, collaboration, and sustainability to achieve food and nutrition security. The symposium promises to be a valuable addition to the Congress, encouraging sustainable solutions that benefit both people and the planet. The symposium will be developed around three core objectives: (i) understanding the impact of climate change on nutrition security, (ii) exploring sustainable approaches to nutrition, and (iii) fostering climate-resilient policies and community interventions. The symposium will target researchers, policymakers, international organisations, and nutrition practitioners. Southern Africa is uniquely positioned at the frontlines of climate adaptation. The region experiences both acute impacts of global climate shifts like droughts, floods, and shifts in crop viability and possesses a wealth of indigenous knowledge, adaptive strategies, and innovations developed over centuries. The intersection of climate change, sustainability, and nutrition programming is critical in addressing some of today's most urgent global challenges. Integrating climate resilience into nutrition strategies is essential for safeguarding public health, protecting natural resources, and ensuring food security for future generations. As climate change intensifies, it disrupts ecosystems, shifts agricultural patterns, and threatens livelihoods, all of which affect the nutritional and health security of communities, especially in regions already vulnerable to climate stressors. From agroecological farming and climate-smart agriculture to integrated nutrition programmes and community-driven initiatives, Southern Africa's responses to climate and nutritional challenges offer insights that are vital for regions facing similar issues worldwide. This symposium will provide reflections and future directions for addressing climate and nutrition challenges, with a call to action for sustainable solutions that can be applied across different regions.

LISTE DES INTERVENANTS

MANAGER

L. MACHEKA

CHAIR(S)

L. MACHEKA

16:45 - 17:00

TBC

G. KEMBO

17:00 - 17:15

TBC

H. NJOVO

17:15 - 17:30

TBC

D. MAVIS

17:30 - 17:45

TBC

P. CHOPERA

17:45 - 18:00

TBC

T. GUNDA

18:00 - 18:15

TBC

T. MABHAUDHI

Thursday August 28th

16:45 - 18:15

DRIVING TRANSFORMATIVE DOUBLE-DUTY FOOD-BASED POLICIES TO TACKLE AFRICA'S FOOD ENVIRONMENT CHALLENGES- LESSONS FROM GHANA, KENYA, AND SENEGAL

SY145

SCIENTIFIC SYMPOSIUM

Room 242B



DESCRIPTION

This symposium aims to showcase the need as well as the critical challenge of developing double-duty food-based policies in sub-Saharan Africa, drawing insights from three CCHeFS-funded projects currently underway in Ghana, Kenya, and Senegal. The session will explore how food-based policies can be designed to concurrently combat the double burden of malnutrition - undernutrition and diet-related non-communicable diseases (NCDs). These projects are facilitating the development of several food-based policies (including front-of-pack labeling, food procurement standards, restrictions on unhealthy food marketing, and fiscal measures for healthier diets) in the three sub-Saharan countries. The policy development is underpinned by fit-for-local nutrient profiling systems. The symposium will engage the global scientific and policy communities to share their motivations, philosophies, evidence, and outcomes of these projects. This symposium aims to: highlight the philosophies, motivations and outcomes of the different nutrient profiling systems developed to underpin implementation of the double-duty food-based policies; showcase evidence-based approaches, rigor, and stakeholder engagement leveraged toward the development of the policies; offer an opportunity for an enriching engagement of the global scientific, policy, and practice communities on the process, and the science behind these initiatives. Non-communicable diseases (NCDs) are projected to become the leading cause of death in Africa by 2030, a trend exacerbated by unhealthy food environments. Food environment policy poverty has been identified as a critical challenge requiring urgent attention (Laar et al 2020; Asiki et al 2020; Laar et al 2022; Laar et al 2023; Magna et al 2022). Addressing these challenges necessitates a multifaceted, yet concerted approach, targeting various aspects of the food environment. These include policies designed to: inform and empower consumers, guide and influence healthier choices, discourage or restrict consumption of unhealthy foods, and incentivize the consumption of healthier alternatives. In response, a coalition of government, academia, and civil society in Ghana, Kenya and Senegal is facilitating the development and implementation of several mutually reinforcing food-based policies. These include measures to improve diet quality, regulate food marketing, enforce labeling standards, enhance food procurement practices, and implement fiscal interventions. These initiatives provide a valuable case study in creating evidence-driven, impactful public health policies in Africa.

LISTE DES INTERVENANTS

CHAIR(S)

P. AMUNA

16:45 - 16:53

TBC

A. DIOUF

16:53 - 17:01

TBC

P. ADDO

17:01 - 17:09

TBC

A. KOMBAT

17:09 - 17:17

TBC

N.A. ANYIDOHO

17:17 - 17:25

TBC

E. AGYEMANG

17:25 - 17:33

TBC

F. ZOTOR

17:33 - 17:41

TBC

G. ASIKI

17:41 - 17:49

TBC

M. AHMED

17:49 - 17:57

TBC

M. MPEREH

17:57 - 18:05

TBC

P. AGYEKUM

18:05 - 18:13

TBC

R.A. ANNAN

Thursday August 28th

16:45 - 18:15

TOWARDS HEALTHY AND SUSTAINABLE FOOD CHOICES- ADDED VALUE OF APPLIED NUTRITION RESEARCH

SY146

SCIENTIFIC SYMPOSIUM

Room 243



DESCRIPTION

Introduction to nutrition research at a university of applied sciences (3 min, Annet Roodenburg Short presentations (70 min: 8x8 minutes, including time for 1 question, various speakers) Consumer behaviour 1. The Influence of Front-of-Pack Labels and Perceived Credibility of Information Sources on Healthy Food Choices in Supermarkets: A Mixed-Methods Consumer Study - Sylvie Huybers 2. Food Literacy in Lower SEP Neighbourhoods in Den Bosch, The Netherlands – Amely Verreijen 3. How can Employees be Encouraged to Contribute to Less Food Waste in Event Catering? A Case Study at HAS green academy - Annelies Verspeek – van der Stelt/ Antien Zuidberg 4. Who's Influencing My Choices? – How the Perceived Sex of the Person Behind Healthy Food Nudges Affects Acceptance – Anastasia Vugts 5. Barriers and Triggers to Stimulate Sustainable Protein Choices in Older Adults – Joost Linschooten Food environment 6. Does the Healthiness of Supermarkets Vary based on the Socioeconomic Status of their Neighborhoods? – Amely Verreijen 7. Interventions for Healthier and more Sustainable Food Choices in School Environments - Floortje Kanits/ Annick de Leeuw 8. Nutri-Score in the Netherlands: How to Align with National Food-Based Dietary Guidelines and Targets for Product Improvement – Sylvie Huybers/Annet Roodenburg Discussion on the Added Value of Applied Nutrition Research (15 min). To present applied research projects focused on interventions and insights that contribute to healthier and more sustainable food choices; and to discuss the added value of applied nutrition research in advancing nutrition science. The research programme at HAS university of applied sciences (HAS green academy) aims to ensure sufficient food in a healthy living environment. This symposium focuses on two key topics: consumer behaviour and the food environment.

LISTE DES INTERVENANTS

MANAGER

A.J. ROODENBURG

CHAIR(S)

A.J. ROODENBURG

16:45 - 16:54

FOOD LITERACY IN LOWER SEP NEIGHBOURHOODS IN DEN BOSCH, THE NETHERLANDS

A. VERREIJEN

16:54 - 17:03

DOES THE HEALTHINESS OF SUPERMARKETS VARY BASED ON THE SOCIOECONOMIC STATUS OF THEIR NEIGHBORHOODS?

A. VERREIJEN

17:03 - 17:12

HOW CAN EMPLOYEES BE ENCOURAGED TO CONTRIBUTE TO LESS FOOD WASTE IN EVENT CATERING? A CASE STUDY AT HAS GREEN ACADEMY

S.A. VERSPEEK-VANDERSTELT

A. ZUIDBERG

17:12 - 17:21

WHO'S INFLUENCING MY CHOICES? – HOW THE PERCEIVED SEX OF THE PERSON BEHIND HEALTHY FOOD NUDGES AFFECTS ACCEPTANCE

A. VUGTS

17:21 - 17:30

INTERVENTIONS FOR HEALTHIER AND MORE SUSTAINABLE FOOD CHOICES IN SCHOOL ENVIRONMENTS

F. KANITS

A. DE LEEUW

17:30 - 17:39

BARRIERS AND TRIGGERS TO STIMULATE SUSTAINABLE PROTEIN CHOICES IN OLDER ADULTS

J. LINSCHOOTEN

17:39 - 17:48

THE INFLUENCE OF FRONT-OF-PACK LABELS AND PERCEIVED CREDIBILITY OF INFORMATION SOURCES ON HEALTHY FOOD CHOICES IN SUPERMARKETS: A MIXED-METHODS CONSUMER STUDY

S. HUYBERS

17:48 - 17:57

NUTRI-SCORE IN THE NETHERLANDS: HOW TO ALIGN WITH NATIONAL FOOD-BASED DIETARY GUIDELINES AND TARGETS FOR PRODUCT IMPROVEMENT

S. HUYBERS

Thursday August 28th

16:45 - 18:15

INITIATIVES TO IMPROVE PUBLIC HEALTH IN TÜRKIYE

SY147

SCIENTIFIC SYMPOSIUM

Room 251



DESCRIPTION

Chair Dr. Julian Stowell – Science Committee Member of Sabri Ülker Food Research Foundation, former Visiting Research Professor, Oxford Brookes University The symposium will provide participants with information on the following topics: Introduction (5min) Initiatives to Improve Public Health in Türkiye – Presenter TBC – (15 min) Nutrition education for School-Age Children - Dr Julian Stowell and Ms Özlem Ulic Catar, Sabri Ülker Foundation, Istanbul, Türkiye – (15 min) Health Literacy and Its Effects on Long-Term Health - Prof. Dr. Nur Baran Aksakal- Science Head of the Gazi University Faculty of Medicine Department of Public Health – (15 min) Nutrition Education for Health Professionals - Prof. Dr. Serhat Ünal- Hacettepe University Faculty of Medicine, Head of Infectious Diseases and Clinical Microbiology Department, and Director of Vaccine Institute – (15 min) Concluding remarks (5min) Q&A with audience – (20 min) To highlight initiatives underway under the auspices of the Ministry of Health of the Republic of Türkiye and to summarise programmes implemented by the Sabri Ülker Food Research Foundation, a charity based in Türkiye. This will provide an excellent example of the collaboration between Governmental and Non-governmental organisations for the benefit of the population. During recent decades dramatic improvements have been in public health in Türkiye, with average life expectancy increasing from 41 years in 1950 to 75 years in 2015. Nutrition has played an important role with improved food availability and an intensive focus on eliminating nutrient deficiencies. Concomitant with these improvements there has, as elsewhere, been a rise in non-communicable diseases, mainly associated with overconsumption. Today the main causes of death in Türkiye are cardiovascular disease and cancer together with a high prevalence of overweight, obesity and diabetes. There is much still to do to improve the longterm health of the Turkish population (Stowell, JD et al, British Journal of Nutrition (2024), 131, 2080-2089).

LISTE DES INTERVENANTS

CHAIR(S)

J. STOWELL

16:45 - 17:05

NUTRITION EDUCATION FOR SCHOOL-AGE CHILDREN

J. STOWELL

O. ULIC CATAR

17:05 - 17:25

INITIATIVES TO IMPROVE PUBLIC HEALTH IN TÜRKİYE

T. TBC

17:25 - 17:45

HEALTH LITERACY AND ITS EFFECTS ON LONG-TERM HEALTH

N. BARAN AKSAKAL

17:45 - 18:05

NUTRITION EDUCATION FOR HEALTH PROFESSIONALS

S. UNAL

Thursday August 28th

16:45 - 18:15

NUTRITION IN EUROPEAN ADOLESCENTS. 20 YEARS OF RESEARCH IN THE HELENA STUDY

SY148

SCIENTIFIC SYMPOSIUM

Room 252A



DESCRIPTION

Adolescence is a critical period for the development of different health conditions, such as chronic non-communicable diseases (NCDs) later in life. During this period, lifestyle behaviour developed during childhood consolidated into adult behaviours. The HELENA study significantly contributed to the understanding of these behaviours during adolescence and the relationships between them, in the context of NCDs development. To describe how the results obtained in the HELENA study have influenced further projects and research findings on adolescent's nutrition and lifestyle To describe interaction effects in between a genetic risk score for obesity and Mediterranean diet, in terms of body composition and metabolic syndrome To analyse whether physical activity and physical fitness together with other lifestyles have influenced health in adolescents To present recent results on cardiovascular risk in adulthood, in relation with lifestyle behaviours assessed in adolescents from the HELENA study. 15 years of follow-up The HELENA study significantly contributed to assess relevant information on adolescent's nutrition during the last two decades. In the study, the whole genome was assessed, allowing to assess the interaction between genes and other lifestyles, mainly diet. Special focus has been given to the Mediterranean diet. A summary of obtained results obtained during the last 20 years, and some highlights, in the context of current knowledge, will be presented. In some cities where the HELENA study was conducted 20 years before, a follow-up study was conducted (BELINDA study) providing information on cardiovascular risk in adulthood.

LISTE DES INTERVENANTS

MANAGER

L. MORENO AZNAR

CHAIR(S)

L. MORENO AZNAR

16:45 - 17:00

TBC

A. MARCOS SÁNCHEZ

17:00 - 17:15

TBC

M. GONZALEZ GROSS

17:15 - 17:30

TBC

L. BEGHIN

17:30 - 17:45

TBC

M. SERAL

17:45 - 18:00

TBC

J. RUIZ

Thursday August 28th

16:45 - 18:15

EVIDENCE-BASED DECISION-MAKING FOR VAS PROGRAMMING- IS IT TIME TO RECONSIDER?

SY149

SCIENTIFIC SYMPOSIUM

Room 252B



DESCRIPTION

Introduction Rolf Klemm, HKI (5 mins) Presentation 1: Reflection on current GAVA Guidance, Lisa Rogers, WHO Geneva (15 mins) Presentation 2: Experiences to date operationalizing GAVA's decision-making framework, Sherry Tanumihardjo (University of Wisconsin-Madison) (15 mins) Presentation 3: Recommended revisions to the Guidance, Alison Greig (Nutrition International) (15 mins) Concluding remarks Rolf Klemm, HKI (5mins) Panel/Q&A with audience (35 min) Specifically, the objectives of this symposium are to: Share experience to date operationalizing GAVA's decision-making framework, including case studies that have emerged since publication of the framework; Share the conclusions of a recent review that resulted in proposed revisions to the framework and GAVA's broader guidance on evidence-based decision-making for VAS programming. Hear perspectives from the audience, and discuss improved ways forward The decision on whether to shift away from universal VAS in a population requires careful consideration due to the life-saving impact VAS has among preschool-aged children living in areas of high VAD prevalence and high child mortality. To assist with this decision-making, the Global Alliance on Vitamin A (GAVA) and its partners developed a four-phase process to help countries assess progress made towards the sustained elimination of VAD in preschool-aged children; the process is outlined in GAVA's policy brief, "Conditions for scaling back universal preschool vitamin A supplementation". While there is consensus on the theory behind the decision-making framework, its value is only in how well it can be operationalized in real-world situations and in the context of available data. Since the policy brief was published, the global landscape has changed as some countries have moved closer to eligibility for scaling back their VAS program whereas COVID-19 caused other countries to move in the opposite direction. This landscape, in conjunction with recent biomarker data interpretation issues that have arisen over the past few years warranted discussion between global VAS partners and experts to produce more practical guidance that countries can use when assessing their progress towards the sustained elimination of VAD in preschool-aged children.

LISTE DES INTERVENANTS

MANAGER

A. GREIG

CHAIR(S)

A. GREIG

16:45 - 17:05

RECOMMENDED REVISIONS TO THE GUIDANCE

A. GREIG

17:05 - 17:25

CONCLUDING REMARKS

R. KLEMM

17:25 - 17:45

REFLECTION ON CURRENT GAVA GUIDANCE

L.M.. ROGERS

17:45 - 18:05

EXPERIENCES TO DATE OPERATIONALIZING GAVA'S DECISION-MAKING FRAMEWORK

S.A.. TANUMIHARDJO

Thursday August 28th

08:00 - 09:30

UNPACKING THE POWER OF PHYTASE- MAKING DAY-TO-DAY FOOD MORE NUTRITIOUS

SY121

SCIENTIFIC SYMPOSIUM

Room 252B



DESCRIPTION

Audience: Open event targeted at decision makers, global health and development leaders. Event Hosts: Sight and Life Foundation (SAL), Children's Investment Fund Foundation (CIFF), Gates Foundation, Eleanor Crook Foundation (ECF) Chair: Anna Hakobyan (CIFF) and Representative (Gates Foundation) Detailed agenda (90 minutes): Introduction – Yashodhara Rana, ECF (5 min) Video explaining the role of phytase in addressing the challenges of phytic acid (2.30 min) Key learnings from phytase webinar - Representative, Gates Foundation (5 min) Evidence gap assessment of Phytase in human nutrition - Prof. Diego Moretti, FFHS (10 min) Case study of Phytase in animal feed - Dr. Maaïke Bruins, dsm-firmenich (10 min) Phytase: Making day-to-day food more nutritious – Priyanka Kumari, SAL (5 min) Panel discussion on Phytase in human nutrition (40 min) Moderator – Matthew Freeman, Stronger Foundations for Nutrition Speakers - Prof. Diego Moretti, Prof. Michael Zimmermann, Dr. Maaïke Bruins, Dr Gouri Satpathy, Endurance Ayodele Awolowo Moderated Q&A (10 min) Closing remarks - Anna Hakobyan, CIFF (5 min) Join us at ICN 2025 for an informative side event on phytase. Discover the evidence gap, unlock the secrets to success of phytase in animal feed, and explore an initiative promoting phytase use in human nutrition. Learn about: Evidence gap assessment on phytase, Lessons from success of phytase in animal feed, and Phytase evolution in human nutrition Over 3 billion people, mainly in low- and middle-income countries, suffer from micronutrient deficiencies, with one-third facing anemia and zinc deficiency. High phytic acid levels in plant-based foods hinder the absorption of essential minerals, contributing to malnutrition. Phytase, which breaks down phytic acid, improves the absorption of calcium, zinc, iron, and other minerals. The evidence gap assessment will examine the impact of phytase in food and supplements, while a case study on its use in animal feed will highlight success factors. The focus will also be on Sight and Life's project in India and Nigeria to incorporate phytase in human nutrition.

LISTE DES INTERVENANTS

MANAGER

P. KUMARI

CHAIR(S)

R. YASHODHARA

08:00 - 08:15

TBC

H. ANNA

08:15 - 08:30

TBC

D. MORETTI

08:30 - 08:45

TBC

B. MAAIKE

08:45 - 09:00

TBC

M. ZIMMERMANN

09:00 - 09:15

TBC

A.A. ENDURANCE

09:15 - 09:30

TBC

S. GOURI

Thursday August 28th

16:45 - 18:15

PROGRESS TOWARDS A NUTRITION EXTENSION OF THE CONSORT REPORTING GUIDELINES FOR RCTS

SY151

SCIENTIFIC SYMPOSIUM

Room 341



DESCRIPTION

There is no specific CONSORT guidance for reporting RCTs in nutrition. This may adversely impact the quality of the design, conduct and reporting of RCTs in nutrition, weakening the evidence base. A subgroup of Working Group 3 of the FENS Presidential Activity on "Improving Standards in the Science of Nutrition" fostered discussion on this matter and conducted surveys (including DELPHI rounds) to establish what a nutrition extension of CONSORT should include (1,2). Subsequently the Working Group linked with EQUATOR (3) to bring the extension closer to reality. In this session members of the Working Group and EQUATOR will report on this process and the current status of the CONSORT-Nutrition extension. Views of a journal editor will be included and how the guidance can become "living" will be discussed. This will be an interactive workshop including audience participation.

1. Rigutto-Farebrother et al. (2023) Perspectives on the application of CONSORT to randomised controlled trials in nutrition. *Eur J Nutr* 62, 2319-2332.
2. Weaver et al. (2024) Perspective: Peer evaluation of recommendations for CONSORT guidelines for randomised controlled trials in nutrition. *Adv Nutr* 15, 100154.
3. Schlüssel and Rigutto-Farebrother (2024) Improving reporting standards in nutrition trials: a collaboration between FENS and the EQUATOR Network. *Eur J Nutr* 63, 2389-2390.

1. To describe the need for a nutrition extension of CONSORT.
2. To describe the process adopted by FENS and the EQUATOR Network to develop a draft nutrition extension of CONSORT and progress on this to date.
3. To understand the views of journal editors, reviewers and authors of the draft extension.
4. To understand how a nutrition extension of CONSORT fits within the wider reporting guidance landscape and how the extension might evolve in the future.

The Enhancing the QUALity and Transparency Of health Research (EQUATOR) Network developed CONSORT to provide guidance for the reporting of RCTs. The resulting reporting promotes the understanding of, interpretation of, and ability to reproduce RCTs. The need to report also improves trial design and conduct. Although the "standard" CONSORT guidance can be used for many types of RCT, it lacks specific guidance for some types of trial. Consequently so-called extensions of CONSORT have been developed for some areas including trials of acupuncture and Chinese herbal medicines. There is no CONSORT extension for nutrition. This may adversely impact the quality of the design, conduct and reporting of RCTs in nutrition, weakening the evidence base.

LISTE DES INTERVENANTS

CHAIR(S)

J. RIGUTTO-FAREBROTHER

16:45 - 17:00

TBC

A.M. MINIHANE

17:00 - 17:15

TBC

C. LACHAT

17:15 - 17:30

TBC

C. WEAVER

17:30 - 17:45

TBC

K. MURPHY

17:45 - 18:00

TBC

M. SCHLUSSEL

18:00 - 18:15

TBC

S. SHYAM

Thursday August 28th

16:45 - 18:15

FLAVOUR AND METABOLIC PATHOLOGIES

SY152

SCIENTIFIC SYMPOSIUM

Room 342A



DESCRIPTION

Flavour detection (taste and olfaction) is fundamental to eating behaviour (energy intake and nutrient selection) in order to meet physiological needs. It is also fundamental to the generation of hedonic sensations and therefore the desire to eat (appetite). The tasting phase is also the first step of the digestion, absorption and storage of nutrients due to anticipatory reflexes. Among the different sensory systems, taste and olfaction are among of the most elaborate. In its sensory task, gustation and olfaction are facilitated by interactions with other sensory systems (vision, audition, and somatosensory, trigeminal and thermal sensations). It can detect and identify soluble compounds that can be ingested or that should be avoided. Flavour disorders are therefore not simply hedonic alterations of the epicurean canon of gastronomy; they can worsen and even compromise vital functions (malnutrition and aggravation of an underlying disease) and they always reduce quality of life. The mechanisms leading to flavour alteration are varied. In medical practice, flavour problems are frequent but not diagnosed often enough in particular in metabolic syndrome and obesity, in neurodegenerative diseases and in cancer. Both obesity and diabetes are closely linked to eating behaviour. Flavour sensitivity plays an important role in food preferences and choices, and therefore consumption. Data about the role of flavour disorders in the pathophysiology of obesity and diabetes are somewhat contradictory. A better understanding of olfactory disorders in disease could improve our understanding of flavour pathophysiology and the prevention of malnutrition by diets adapted to olfactory impairment. The objectives of this symposium are 1) to provide information on the relationship between metabolism and its related-pathologies on the one hand and flavour perception and its perturbation on the other. Biological, physiological and psycho-cognitive aspects will be addressed. Often neglected and underdiagnosed, flavour disorders are frequent and serious conditions: they are implicated in loss of appetite, unintended weight loss and malnutrition, and lead to reduced quality of life. The lack of consideration given to taste impairment compared with other disabilities is striking: it is obvious that a person with hearing loss may no longer be interested in opera, or a person with visual impairment may no longer enjoy films, but the consequences of flavour impairment for those affected are still taken too lightly. In current medical practice. There is renewed interest in the importance and therapeutic management of flavour disorders. Speakers: Johan LUNDSTRÖM (Sweden), Katharina TIMPER (Switzerland) and Stéphanie CHAMBARON (France)

LISTE DES INTERVENANTS

MANAGER

M.J. AMIOT-CARLIN

CHAIR(S)

M.J. AMIOT-CARLIN

16:45 - 17:05

TBC

J. LUNDSTRÖM

17:05 - 17:25

TBC

K. TIMPER

17:25 - 17:45

TBC

L. PENICAUD

17:45 - 18:05

TBC

S. CHAMBARON

Thursday August 28th

16:45 - 18:15

THE FEED-PROTECT-CARE GLOBAL COLLABORATIVE PHD PLATFORM - AN INTERNATIONAL, INTERDISCIPLINARY, AND TRANSDISCIPLINARY APPROACH FOR ADDRESSING BARRIERS AND OVERCOMING OBSTACLES IN THE TRANSFORMATION TOWARDS A SUSTAINABLE FOOD SYSTEM

SY154

SCIENTIFIC SYMPOSIUM

Room 343



DESCRIPTION

The Feed-Protect-Care Global Collaborative PhD Platform has been designed as an innovative and unique initiative, fostering open science and open education through collaboration between universities from the Global North and Global South. The platform focuses on the interconnected societal missions of feeding, caring for, and protecting people, places, and the planet. The Platform will serve to strengthen and secure the capacity of the global scientific community to inform and support critical transformations to sustainable futures at local to global levels. Thirty-three international students from 18 different nationalities participated in the first cohort, addressing barriers and obstacles to food system transformation using Montpellier and Piracicaba as case studies. The ambition is 1) to extend the global reach of the alliance and, by implication, the inclusiveness and diversity of the PhD cohorts and their longer-term partnerships and networks. 2) to promote collaborative research among partners for overcoming obstacles in the transformation towards a sustainable food system and in improving public health outcomes, particularly for the most at-risk populations, for the preventing the rise of chronic diseases globally 3) to create a network of future leaders of food system transformation. The Feed-Protect-Care Global Collaborative PhD Platform under the co-leadership of the universities of Montpellier and Pretoria, and on behalf of an alliance of about 20 founding member universities will convene annual cohorts of at least 40 PhD students from all major regions of the world. To date, two training sessions—in Montpellier (France) and São Paulo (Brazil)—have been conducted, resulting in the production of two position papers. The platform has already established a network of PhD students equipped to understand, address, and develop solutions for overcoming obstacles to the sustainability of food systems.

LISTE DES INTERVENANTS

MANAGER

K. LAMBERT CORDILLAC

CHAIR(S)

K. LAMBERT CORDILLAC

16:45 - 18:15

TBC

F. SWANEPOEL

A. UWIMANA

Thursday August 28th

16:45 - 18:15

IMPROVING AFFORDABILITY OF NUTRITIOUS DIETS- HOW CAN DIETARY COSTING ASSESSMENTS HELP?

SY153

SCIENTIFIC SYMPOSIUM

Room 342B



DESCRIPTION

Introduction (10 min): Overview of the expanding application of diet cost and affordability metrics as indicators of food and nutrition security and to integrate nutrition into programmes and policies. Saskia de Pee, WFP. Presentation 1 (15 min): How Cost of Diet studies have been used to design RFSA programmes in Mali, Niger and Mozambique. Carolyn O'Donnell, Meghan Pollak, Save the Children US. Presentation 2 (15 min): Designing a Demand Creation Approach for Indonesia: Integrating Affordability, Nutritional Value, and Social Acceptability in Selection of Target Foods. Wendy Gonzalez, GAIN; Rachel Gilbert, Tufts University. Presentation 3 (15 min): Monitoring affordability gaps to evaluate nutrition sensitive interventions and inform anticipatory actions in Malawi, Niger and Bangladesh. Masud Rana, Natalie Roschnik, Lilly Schofield, Save the Children UK. Presentation 4 (15 min): Applying the Enhance platform to estimate diet cost and affordability and inform programming, including for dietary management of moderate acute malnutrition. Claudia Damu, Gregory Sclama, Jo Jacobsen, Saskia de Pee, WFP. Q&A (20 min) 1. Highlight the scale of global affordability gaps in healthy diets and the importance of assessing cost and affordability gaps in each context to identify appropriate solutions. 2. Show, through multi-country examples, how cost of diet assessments and monitoring of diet cost have been used to assess current and projected food security and nutrition situations to inform targeting and response, design and evaluate programmes, guide national strategies, and advocate for more investment in contextualised solutions to reduce the affordability gap. In 2021, an estimated 42% of the global population (over 2.8 billion people) couldn't afford a healthy diet. Where households can't provide a nutritious diet, there's a higher risk of child malnutrition and lifelong development and health consequences. Various diet costing tools are used by partners to assess the cost and affordability gap of nutritious and healthy diets globally and in different contexts to identify solutions to reduce this gap. Save the Children, WFP, GAIN, and Tufts University will present methods and findings from global, national, and subnational diet cost and affordability assessments and discuss their use in guiding policy and programming.

LISTE DES INTERVENANTS

MANAGER

N. ROSCHNIK

CHAIR(S)

N. ROSCHNIK

16:45 - 16:54

TBC

C. DAMU

16:54 - 17:03

TBC

S. DEPEE

17:03 - 17:12

TBC

R. GILBERT

17:12 - 17:21

TBC

W. GONZALEZ

17:21 - 17:30

TBC

S. GREGORY

17:30 - 17:39

TBC

J. JACOBSEN

17:39 - 17:48

TBC

C. O'DONNELL

17:48 - 17:57

TBC

M. POLLAK

17:57 - 18:06

TBC

M. RANA

18:06 - 18:15

TBC

L. SCHOFIELD

Friday August 29th

09:45 - 11:15

THE LEGACY OF GERRIT GRIJNS- THE CONNECTION BETWEEN FOOD, NUTRITION AND HEALTH GLOBALLY

SY157

SCIENTIFIC SYMPOSIUM

Room 251



DESCRIPTION

Diederik Esser, Introduction of the Gerrit Grijns Initiative (5 min) Jaap Keijer, On the importance of studies of Grijns in human nutrition and physiology (20 min) Muhammad Asrullah, Anemia and depression in Indonesian adolescents (20 min) Nikkie van de Wielen, Dietary protein quality for human health - evaluation in pigs (20 min) Vincenzo Fogliano, How processing and formulation shape food products' nutritional value (20 min) Edith Feskens with FAMILY GRIJNS, Closure (5 min) The aim of this symposium is discussing the current hot topics, animating the discussion in the vast area between food, nutrition and health. Although the importance of vitamins is not questioned anymore, micronutrient deficiency is still a global public health issue. The paradox of malnutrition due to overeating and obesity in wealthy societies has multifactorial explanations. This complexity calls for an in-depth discussion among experts with different backgrounds and sensitivities. In addition, it is an unique opportunity to honor professor Gerrit Grijns and his work, in presence of his family members (also symposium sponsors). Gerrit Grijns (May 28, 1865 – November 11, 1944) discovered vitamin B1, thiamine, together with Christiaan Eijkman. They did their seminal work in the former Dutch East Indies, now Indonesia. Together with Sir Frederick Hopkins, Eijkman received the Nobel Prize for Physiology or Medicine in 1929 for the discovery of vitamins. Grijns was somehow overlooked: he was nominated in 1926 and 1927 for the Nobel Prize for medicine together with Eijkman. Eijkman associated the deficiency disease beriberi with the lack of the outer membrane in machine-peeled rice. His co-worker and successor Grijns believed that the membrane contains a substance that is indispensable for a healthy metabolism. By writing of "partial hunger" and "protective substance" in 1901, Grijns anticipated the concept of vitamins. In 1917 Grijns returned to the Netherlands, where he became professor of animal physiology at the (now) Wageningen University (WUR) in 1921, where he taught and conducted research until 1935. From 1929-1930 he was Rector Magnificus of this university. Although his work is more than 100 years old, his legacy still lives on. The chair of animal physiology still exists, and is now included in a larger virtual institute at WUR: the Gerrit Grijns Initiative on food, nutrition and health. And most importantly, it was Gerrit Grijns who came up with the concept of vitamins: diseases can be caused by lack of nutrients, and this impacts our health globally.

LISTE DES INTERVENANTS

MANAGER

E. FESKENS

CHAIR(S)

E. FESKENS

09:45 - 09:50

INTRODUCTION OF THE GERRIT GRIJNS INITIATIVE

D. ESSER

09:50 - 10:10

ON THE IMPORTANCE OF STUDIES OF GRIJNS IN HUMAN NUTRITION AND PHYSIOLOGY

J. KEIJER

10:10 - 10:30

ANEMIA AND DEPRESSION IN INDONESIAN ADOLESCENTS

M. ASRULLAH

10:30 - 10:50

DIETARY PROTEIN QUALITY FOR HUMAN HEALTH - EVALUATION IN PIGS

N. VAN DER WIELEN

10:50 - 11:10

HOW PROCESSING AND FORMULATION SHAPE FOOD PRODUCTS' NUTRITIONAL VALUE

V. FOGLIANO

11:10 - 11:15

FAMILY GRIJNS, CLOSURE

E. FESKENS

Friday August 29th

09:45 - 11:15

FROM NUTRIENTS TO FOOD MATRIX- UNVEILING THE DAIRY MATRIX'S ROLE IN HEALTH

SY155

SCIENTIFIC SYMPOSIUM

Room Maillot



DESCRIPTION

The symposium will explore the concept of the “food matrix” and its significance in nutrition science, focusing on the structure of dairy foods and how it influences health outcomes. Unlike traditional nutrition research that emphasized single nutrients, recent studies recognize that nutrient interactions and food’s physical structure affect how nutrients interact and are absorbed. Dairy, in particular, has a unique matrix with effects that extend beyond individual nutrients, presenting new perspectives in nutrition and health. The symposium will emphasize the potential of the dairy matrix concept to reshape perspectives in nutrition science, supporting a holistic approach to food-based health recommendations. Introduce the concepts: Define the food/dairy matrix and showcase current applications in the context of nutrition and health Demonstrate health benefits: Present evidence from both epidemiological and randomized control trials that links the dairy matrix to specific health benefits, such as improved metabolic and musculoskeletal health, highlighting how these effects extend beyond those of isolated nutrients. Explore mechanisms: Examine the potential mechanisms by which the dairy matrix may contribute to these health outcomes. Nutrition research has recently evolved from focusing on isolated nutrients to examining how whole foods and dietary patterns impact health. This approach introduces the “food matrix,” where nutrient interactions and structural arrangements affect digestion, nutrient absorption, and health benefits. Dairy foods have unique matrices that have been shown to influence health in ways individual nutrients may not. The IDF has been working on the dairy matrix for the past two years, publishing a peer-reviewed article (<https://doi.org/10.3390/nu16172908>) to clarify definitions and implications. To support a consistent understanding, IDF proposed internationally applicable definitions: the “dairy matrix” describes the unique structure of a dairy food, its components (e.g., nutrients and non-nutrients), and how they interact; “dairy matrix health effects” refers to the impact of a dairy food on health that extend beyond its individual components.

LISTE DES INTERVENANTS

CHAIR(S)

C. WALSH

09:45 - 10:10

TBC

B. LAMARCHE

10:10 - 10:35

TBC

E. FEENEY

10:35 - 11:00

TBC

H. HOLSCHER

Friday August 29th

09:45 - 11:15

WORKSHOP OF THE FRENCH RESEARCH CENTRES IN HUMAN NUTRITION

SY158

SCIENTIFIC SYMPOSIUM

Room 252B



DESCRIPTION

Numerous studies have shown that nutrition has a major impact on susceptibility to metabolic diseases in adulthood, such as type 2 diabetes, cardiovascular disease, obesity and cancer. Recent advances in the characterisation of the phenotype, including metabolic biomarkers and the microbiome, as well as the genotype, have led to the development of precision nutrition, the major interest of which is to improve targeted dietary recommendations and identify risk profiles for metabolic diseases. Another major benefit is to potentially improve medical outcomes through better tailored clinical nutrition management of patients as well as prevention. Presentation 1: The effect of gastric by-pass on postprandial protein metabolism: insights from preclinical and clinical studies by Claire GAUDICHON Presentation 2: Towards personalized nutrition in Humans: how the pig model can help us? By Gaëlle BOUDRY Presentation 3: Precision nutrition for promoting healthy aging: How can a deep phenotyping strategy contribute to more tailored recommendations? by Sergio POLAKOF The aims of our symposium are to illustrate how improvements in clinical and precision nutrition have led to a better understanding of these metabolic diseases and improved patient care, through 4 research projects from our Research Centres in Human Nutrition (CRNHs). Another aspect will be to illustrate how preclinical research supports clinical studies by providing innovative ideas and proofs of concept. There are four human nutrition research centers in France. This network's aim is to coordinate and develop nutrition research efforts across the country, providing pooled capabilities ranging from molecular to clinical and epidemiological research. Their administrative organisation is based on national research institutes (INRAE, INSERM, CNRS), local universities and university hospitals. Their main objectives are focused on global health (from food production to nutrition and health), translational and multidisciplinary research, and clinical research from healthy to patients. Although their members are academics, CRNHs also promote research at the interface between public institutes and private companies. The 4 lectures at our symposium will illustrate the diversity of research and expertise across these 4 CRNHs.

LISTE DES INTERVENANTS

CHAIR(S)

J.A. NAZARE

09:45 - 10:03

THE EFFECT OF GASTRIC BY-PASS ON POSTPRANDIAL PROTEIN METABOLISM: INSIGHTS FROM PRECLINICAL AND CLINICAL STUDIES

C. GAUDICHON

10:03 - 10:21

TOWARDS PERSONALIZED NUTRITION IN HUMANS: HOW THE PIG MODEL CAN HELP US?

G. BOUDRY

10:21 - 10:39

TBC

K. CLEMENT

10:39 - 10:57

PRECISION NUTRITION FOR PROMOTING HEALTHY AGING: HOW CAN A DEEP PHENOTYPING STRATEGY CONTRIBUTE TO MORE TAILORED RECOMMENDATIONS?

S. POLAKOF

10:57 - 11:15

TBC

Y. BOIRIE

Friday August 29th

09:45 - 11:15

ADVANCING PRECISION AND PERSONALISED NUTRITION- AN IUNS TASK FORCE INITIATIVE

TF5

TASK FORCE

Room 253



DESCRIPTION

This open symposium is an initiative of the IUNS Precision and Personalised Nutrition Task Force and integrates perspectives from leading researchers from the United Kingdom, Australia, Spain and Mexico. Professor John Mathers (chair 1) will provide introductory remarks on “Personalised nutrition”. Dr Katherine Livingstone (speaker 1) will present on “Personalisation of digital nutrition interventions”. Professor Sarah Berry (speaker 2) will present on “Personalised nutrition for metabolic health”. Professor Baukje de Roos (speaker 3) will present on “Personalised and precision nutrition and biomarker discovery”. Dr Elizabeth Tejero (speaker 4) will present on “Nutrigenetics in chronic diseases”. Professor Alfredo Martinez (chair 2) will provide concluding remarks on the “Future of omics in personalised and precision nutrition”. To advance international collaboration and research excellence in the field of precision and personalised nutrition Precision and personalised nutrition approaches aim to leverage individual variability to optimise dietary interventions for improving health and wellbeing. Personalised nutrition approaches targets individuals, whereas precision nutrition approaches integrate information at scale to target groups and populations. The determinants of health and wellbeing are diverse, and range from biological traits to cultural and social influences. Behaviour change interventions that are personalised to the needs of the individual have shown greater improvements in diet than interventions with generalised dietary advice. This symposium will bring together international experts in the field of precision and personalised nutrition, and will cover topics that span digital technologies, biological traits and cultural and social influences.

LISTE DES INTERVENANTS

MANAGER

K. LIVINGSTONE

CHAIR(S)

J. MATHERS

A. MARTINEZ

09:45 - 09:50

PRECISION PERSONALIZED NUTRITION

J. MATHERS

09:55 - 10:10

A PLACE FOR PERSONALISED DIETARY GUIDELINES ALONGSIDE POPULATION-BASED GUIDELINES

S. BERRY

10:10 - 10:25

THE ROLE OF BIOMARKERS IN PERSONALISED AND PRECISION NUTRITION

B. DE ROOS

10:25 - 10:40

PRECISION AND PERSONALIZED NUTRITION TO REDUCE HEALTH INEQUALITIES: EXPERIENCES FROM SWEDEN

M. LÖF

10:40 - 10:55

PRECISION NUTRITION IN LATIN AMERICA, OPPORTUNITIES AND CHALLENGES

E. TEJERO

Friday August 29th

09:45 - 11:15

SHARING AN HISTORICAL PERSPECTIVE, TOOLS AND ONGOING GLOBAL RESEARCH TO DOCUMENT THE IMPORTANCE AND VALUE OF INDIGENOUS PEOPLES AND TRADITIONAL COMMUNITIES FOOD AND NUTRITION KNOWLEDGE OF FOOD BIODIVERSITY TO IMPROVE FOOD AND NUTRITION SECURITY OF ALL PE

TF4

TASK FORCE

Room 252A



DESCRIPTION

Presentations by speakers Provide case study examples and discuss how Indigenous and Traditional knowledge can be used as the foundation for improving nutrition and health of Indigenous Peoples and all communities. Learn about place-based projects from around the world, with an intentional focus on youth engagement. . Present and discuss diverse approaches and perspectives that accompany research methods used to build upon the scientific evidence base on Indigenous Peoples Food Systems. Position the taskforce thematic area within the context of larger global initiatives. Indigenous Peoples and communities with traditional foodways are the stewards of vast amounts of biodiversity that has been rapidly disappearing from our food systems and plates. This session will provide case study examples from around the world of methods and approaches used to collect data on community knowledge related to traditional and Indigenous Peoples' food systems and discuss approaches to co-create research with and for the benefit of these communities and the welfare of all peoples. Focussing how to co-create solutions based on local knowledge with a wider and more global application based on respect and recognition of the indigenous knowledge holders. This session will highlight diverse approaches to engage in community-based research that is inclusive of adolescents, women and other voices integral to participatory research methods and the outcomes that enrich the scientific evidence base. It will cover topics such as two-eyed seeing, perspectives of connectivity and relationships with people and nature. The session will also review the outputs of the Traditional and Indigenous Food Systems and Nutrition (TIFSAN) task force since 2018 and frame future research in the context of ongoing global initiative such as the such as the FAO Indigenous Peoples hub and work to bring forward biodiversity for food and nutrition.

LISTE DES INTERVENANTS

MANAGER

G. KENNEDY

CHAIR(S)

G. KENNEDY

09:45 - 10:05

TBC

V.B.B. JERNIGAN

10:05 - 10:25

TBC

C. ZAVALETA CORTIJO

10:25 - 10:45

TBC

P. MAUNDU

10:45 - 11:05

TBC

T. DELORMIER

Friday August 29th

09:45 - 11:15

SUSTAINABLE DIETS- WHERE FROM AND WHERE TO?

TF1

TASK FORCE

Room 242A



DESCRIPTION

Sustainable Diets are presented as a solution for both planetary and human health. This symposium will provide an overview of what science has taught us over the past decade and will zoom in on the sense or nonsense of measuring health and sustainability of individual foods vs diets. Diets are one of the many outcomes of food systems. Examples of sustainable diets will be provided in their national, regional or territorial context. The symposium will also discuss next steps: How to support sustainable diets and what is needed from science. To provide an overview of last decade of scientific progress on sustainable diets, explore the link with food systems in low and higher income settings, provide examples sustainable diets and discuss the way forward (nutrition science and political economy) in support of sustainable diets. Sustainable Diets have attracted increasingly more attention in discussions about mitigating the global syndemic of nutritional and environmental problems (biodiversity loss and climate change). Sustainable diets are the results of food systems that may or may not work in support of sustainable diets. Challenges and opportunities occur both in lower and higher income countries. In 2019 the FAO and WHO published their 'Sustainable healthy diets – Guiding principles' [1] and sustainability-related recommendations are being incorporated into an increasing number of national dietary guidelines [2]. Now there is much interest in transferring these sustainability-related dietary guideline recommendations into advice for individual food selection, e.g. listing precise measures of an individual food's environmental impact(s) on a food label, and/or displaying a 'sustainability' rating for an individual food on its label. However, how valid are the methods used to make these measurements and to assess the sustainability of individual foods? In addition, ample literature has become available on nutrition and food systems. Can we unravel underlying mechanisms that support (the development of (dietary guidelines for)) sustainable diets? 1. FAO and WHO, Sustainable healthy diets – Guiding principles. 2019: Rome. 2. James-Martin, G., et al., Environmental sustainability in national food-based dietary guidelines: a global review. The Lancet Planetary Health, 2022. 6(12): p. e977-e986.

LISTE DES INTERVENANTS

MANAGER

S. OENEMA

CHAIR(S)

S. OENEMA

09:45 - 10:00

TBC

F. NAJA

10:00 - 10:15

TBC

L. MACHEKA

10:15 - 10:30

TBC

M. LAWRENCE

10:30 - 10:45

TBC

R. KANTER

10:45 - 11:00

TBC

S. DERNINI

Friday August 29th

09:45 - 11:15

DEVELOPING PROFESSIONAL NUTRITION CAPACITY TO ADVANCE SCHOOL HEALTH AND NUTRITION IN AFRICA

TF2

TASK FORCE

Room 242B



DESCRIPTION

The three presentations will be a precursor for further discussion within the symposium regarding capacity building for sustainable school feeding and school nutrition education in Africa. Elements include the need to build a leadership team of dynamic African nutritionists who will take this programme forward, and a new cadre of school nutrition extension officers who will guide and develop an integrated programme of school meals and nutrition education for school children. The symposium aim is to share experiences of school feeding and school nutrition education in poorly-resourced African countries, to identify some of the challenges, to consider the role of nutrition extension officers in supporting schools in the delivery of food and nutrition education, and to consider how such extension officers might be equipped to fulfil their role through tertiary nutrition education. There is considerable evidence for the benefits of school feeding programmes. They can improve school attendance, nutritional status, and educational attainment of children, and food purchased for school meals can widen markets for the agricultural sector, whilst preparation of meals can provide a range of job opportunities, helping to alleviate poverty. High quality nutrition and health education is uncommon in schools in Africa yet it is fundamental to health throughout the life course and to the children's later roles as parents and/or carers. The remit of the nutrition extension officer will be to facilitate the provision of nutritious school meals as well as sound nutrition and health education to children throughout their school years. This is the endeavour of the International Malnutrition Task Force which has a strong record in capacity building and scaling-up in relation to improving integrated management of severe and moderate malnutrition, and our partners have achieved substantial reductions in case fatality rates. Our approach to school feeding and school nutrition education will follow similar lines, with a participatory approach starting in a few schools and building on lessons learned. We envisage that training for the new cadre of nutrition extension officers will be demanding, practical, and wide ranging as their future role will require expertise in provision of nutritious, safe school meals and the teaching of nutrition and health throughout the primary and secondary years.

LISTE DES INTERVENANTS

CHAIR(S)

F. ZOTOR

09:45 - 10:05

TBC

B. ELLAHI

10:05 - 10:25

TBC

J. TAGWIREYI

10:25 - 10:45

TBC

K. PEREKO

10:45 - 11:05

TBC

K. NYANUNGO

Friday August 29th

09:45 - 11:15

CO-CREATING A NEW KNOWLEDGE-SHARING PLATFORM ON NUTRITION AND CANCER FOR CHILDREN, TEENAGERS AND YOUNG ADULTS (CTYA)

TF3

TASK FORCE

Room 243



DESCRIPTION

The session will explain what is meant by a Community of Practice (CoP) and how it can be used to co-create knowledge through the shared experience of those living with cancer, those who engage in research and those who deliver care. Sharing knowledge and experience, keeping patients at the heart of a CoP, will help improve nutritional care to address their needs and concerns. The session will introduce the new CoP on Nutrition and Cancer in Children, Teenagers and Young Adults (CTYA) hosted on WHO's Knowledge Action Portal (KAP) on Non-Communicable Diseases. The KAP is a knowledge-sharing and community platform that enhances NCD prevention and control through multisectoral and multistakeholder collaboration. Participants will be shown how to access, contribute, and draw from the CoP as it develops, and how knowledge collaboration is pivotal for evidence-informed health policies and programmes. Understand the benefits conferred by diet, nutrition and physical activity before, during and after treatment for children and young adults affected by cancer as part of lifelong care. Appreciate the value of establishing a Community of Practice to draw together evidence and share the experience of children and young adults and their parents and carers with clinicians to promote better practice through the World Health Organization (WHO) Knowledge Action Portal on Non-Communicable Diseases. Understand the importance of standardising data collection and curation during routine clinical care, better comparing experiences amongst different contexts, more effectively generating data fit for research, and helping guide clinical decision-making. Cancer remains a significant cause of death in childhood despite improvements in treatment and outcomes, and survivors carry substantial risks to their long-term health in adult life. Response to treatment, survival and health outcomes is greatly improved when attention is given to diet, nutrition and physical activity as an integral component of routine care. Efforts of those working to achieve more successful outcomes would be significantly strengthened if relevant knowledge and experience was shared more readily through an accessible platform. ICONIC has been working to facilitate collaboration and develop activities to create an international Community of Practice (CoP) with a focus on diet, nutrition, physical activity and cancer in CTYA. The new CoP aims to build alignment of research and communication to advance the adoption of essential practices and better inform care for young cancer patients. It will facilitate the exchange of knowledge and experience of cancer and nutrition for CTYA to directly support and promote the broader global agenda on chronic NCDs.

LISTE DES INTERVENANTS

CHAIR(S)

S. WOOTTON

09:45 - 10:10

TBC

P. MITROU

10:10 - 10:35

TBC

R. REVUELTA-INIESTA

10:35 - 11:00

TBC

S. SIEBER

Monday August 25th

08:00 - 09:30

WHO SPONSORED SYMPOSIUM - ACCELERATING ANAEMIA REDUCTION- COLLABORATIVE EFFORTS AND FUTURE DIRECTIONS

SY005

SCIENTIFIC SYMPOSIUM

Room 242A



DESCRIPTION

Global health problem of anaemia, Anaemia Action Alliance (10 min) WHO Guideline on haemoglobin cutoffs to define anaemia: challenges and the way forward, Maria Nieves Garcia-Casal (10 min) Comparing methods for measuring blood haemoglobin: results of a comparative analysis on accuracy and precision, Monica C Flores Urrutia (10 min) Interventions to reduce anaemia in low- and middle-income countries: an evidence gap map, Daniel Lopez de Romana (10 min) Priorities for updating guidance on the prevention, diagnosis and management of anaemia in pregnancy and postpartum, Lisa M Rogers (10 min) Tools and resources to support country action in reducing anaemia (10 min) Q&A (20 min) and concluding remarks (5 min) draw attention to the persistent public health problem of anaemia discuss the assessment of haemoglobin concentrations present evidence gaps in interventions to comprehensively address anaemia share priorities for updating global guidance on the prevention, diagnosis and management of anaemia in pregnant and postpartum women describe resources available to support countries in addressing anaemia Anaemia remains a persistent public health issue with an estimated 600 million women 15–49 years of age, including 36% of pregnant women and 30% of non-pregnant women, and 269 million young children (40% of children 6–59 months of age) affected. The causes of anaemia are diverse, encompassing biological, socioeconomic, and ecological risk factors that vary by context. Despite being a World Health Assembly Global Nutrition Target and an indicator of progress towards the Sustainable Development Goals, the prevalence of anaemia has not appreciably decreased over the past decade. In 2023, WHO launched Accelerating anaemia reduction: a comprehensive framework for action, advocating for coordinated action across systems; implementation is supported by the Anaemia Action Alliance. In 2024, WHO released updated guidance on the diagnosis of anaemia in its Guideline on haemoglobin cutoffs to define anaemia in individuals and populations. Technical consultations are also being held to identify priority areas for updating or providing new guidance on the prevention, diagnosis and management of anaemia during pregnancy and postpartum.

LISTE DES INTERVENANTS

MANAGER

L.M.. ROGERS

CHAIR(S)

L.M.. ROGERS

M. ARABI

08:00 - 08:10

GLOBAL HEALTH PROBLEM OF ANAEMIA, ANAEMIA ACTION ALLIANCE

L.M.. ROGERS

08:10 - 08:20

TOOLS AND RESOURCES TO SUPPORT COUNTRY ACTION IN REDUCING ANAEMIA

A.A. ALLIANCE

08:20 - 08:30

COMPARING METHODS FOR MEASURING BLOOD HAEMOGLOBIN: RESULTS OF A COMPARATIVE ANALYSIS ON ACCURACY AND PRECISION

M.C.. FLORES URRUTIA

08:30 - 08:40

WHO GUIDELINE ON HAEMOGLOBIN CUTOFFS TO DEFINE ANAEMIA: CHALLENGES AND THE WAY FORWARD

M.N. GARCIA-CASAL

08:40 - 08:50

INTERVENTIONS TO REDUCE ANAEMIA IN LOW- AND MIDDLE-INCOME COUNTRIES: AN EVIDENCE GAP MAP

D. LOPEZ DE ROMANA

Monday August 25th

08:00 - 09:30

CULINARY MEDICINE, GASTRONOMY JOINS NUTRITION FOR A SUSTAINABLE AND DELICIOUS DIET

SY003

SCIENTIFIC SYMPOSIUM

Room Maillot



DESCRIPTION

Preventing and treating obesity and non-communicable diseases requires not only selecting the right ingredients, but also cooking them properly. Ingredients must be measured, combined, and cooked following the scientific evidences. Harmful carcinogens can form during cooking, as genotoxic substances and process contaminants. This scientific event explores the intersection of nutrition, gastronomy, and culinary medicine to promote a diet that is healthy, sustainable, and enjoyable. Joining nutritional science with culinary arts, it provides both theoretical insights and practical tools to transform daily eating habits into a powerful ally for health and well-being. The symposium will feature four key presentations on the origins of culinary medicine, the role of cooking in cancer prevention, and practical strategies to combat obesity with flavorful, balanced recipes. A Michelin-star chef specialized in Culinary Medicine will lead a showcooking session—using only a microwave provided by the organizers—to demonstrate how scientific principles can be applied to create nutritious and delicious meals. Innovative techniques and carefully selected ingredients will enhance nutritional value without compromising taste.

1. To explore the origins and applications of culinary medicine, highlighting its scientific evolution and impact on public health.
2. To investigate cancer prevention and healthy cooking, illustrating how food choices can reduce cancer risks through a "farm-to-table" approach.
3. Present innovative strategies to address obesity, demonstrating how delicious recipes can be formulated to promote weight loss maintaining pleasure in eating.
4. Demonstrate, through a showcooking session, how to translate nutritional science into practical culinary techniques, making healthy eating more accessible and appealing to all.
5. Promote a multidisciplinary approach, engaging nutritionists, chefs, and medical professionals in developing evidence-based dietary programs.
6. Raise awareness of the importance of sustainable gastronomy, emphasizing how food choices impact health.

Culinary medicine joins nutritional science, culinary techniques, and medical well-being, aiming to turn food into a primary tool for prevention and treatment. Culinary Medicine is widely established in the United States, with prestigious institutions and was introduced to Europe by Dr. Chiara Manzi and Dr. Michele Rubbini, at Ferrara University since 2016.

LISTE DES INTERVENANTS

MANAGER

C. MANZI

SPEAKER(S)

P. CAPPUCCIO

D. MANDRIOLI

CHAIR(S)

C. MANZI

08:00 - 08:30

TBC

P. CAPPUCCIO

08:30 - 09:00

TBC

D. MANDRIOLI

Monday August 25th

11:15 - 12:45

DECODING THE SOY AND HEART HEALTH CONTROVERSY- A GLOBAL REVIEW OF RESEARCH AND RECOMMENDATIONS

SY016

SCIENTIFIC SYMPOSIUM

Amphitheatre Bleu



DESCRIPTION

The global landscape of health claims is complex, with significant implications for both consumer choices and industry practices. Despite the proliferation of heart health claims for soy protein across 12 countries, backed by studies suggesting benefits on risk factors like total cholesterol, LDL-cholesterol, and HDL-cholesterol, critical questions remain: Does the existing data truly support these claims? How do these health claims influence consumer perceptions and purchasing decisions—or do they fall short of their intended impact? This session will delve into the current state of health claims worldwide, examining their influence on consumer behavior and trust. It will also present fresh insights from a comprehensive systematic review and meta-analysis, critically evaluating the evidence behind soy protein's purported heart health benefits. Join us to explore whether the current scientific literature supports these health claims, and how updated findings could reshape both regulatory frameworks and consumer confidence. Understand the Global Health Claim Landscape: Examine how health claims are regulated and applied across different countries and how these claims influence consumer decision-making. Evaluate the Scientific Evidence on Soy Protein and Cardiovascular Health: Analyze the findings of a new systematic review and meta-analysis on soy protein's impact on heart health markers, such as total cholesterol, LDL-cholesterol, and HDL-cholesterol. Critically Assess the Validity of Current Health Claims: Assess whether the existing evidence supports heart health claims for soy protein in the context of regulatory standards and consumer expectations. Identify Gaps in Research and Regulation: Recognize where current data on soy protein may fall short of substantiating health claims and discuss potential areas for future research. Discuss Implications for Industry Stakeholders: Explore how updated scientific findings might inform product labeling and compliance with health claim regulations to better align with consumer needs and expectations. Health claims influence consumer choices and industry practices, yet questions remain about the validity of soy protein's heart health claims in 12 countries across the globe. This session will explore new findings from a systematic review and meta-analysis, assessing the strength of the evidence behind these claims.

LISTE DES INTERVENANTS

CHAIR(S)

J. SIEVENPIPER

11:15 - 12:45

**DECODING THE SOY AND HEART HEALTH CONTROVERSY: A GLOBAL REVIEW OF
RESEARCH AND RECOMMENDATIONS**

A. BARCLAY

Monday August 25th

11:15 - 12:45

FOOD LITERACY AND KNOWLEDGE- EMPOWERING ALL EATERS TO PROMOTE FRUIT AND VEGETABLE CONSUMPTION

SY019

SCIENTIFIC SYMPOSIUM

Room 242A



DESCRIPTION

We have chosen a specific angle that allows to share pioneering and, original research on the diversity of food-related knowledge (nutritional knowledge, cultural knowledge, thematic associations between foods, knowledge about meals, etc.) and their respective role in the expression of food preferences for fruits and vegetables (F&V), as well as the psychological barriers to a healthy, varied, and sustainable eating. The different lectures will introduce the first typology of food knowledge and its crucial role in shaping preferences and aversions for F&V among young children (Gandolini et al., 2024) ; Discuss specific intervention design to help increase the vegetable consumption among children and adults (Gripshover et al., 2013) ; Address the role of meal knowledge and composition across different cultures and specific intervention (Pickard et al., 2023 ; Bian et al., 2020) ; and also explore the importance of our ability to flexibly manage and apply these different type of knowledge in relevant food contexts to overcome the main barriers to F&V consumption (Foinant et al., 2024). Proposed Speakers (to be confirmed and adjusted): Jérémie Lafraire (Institut Lyfe Research Center/EPHE-PSL); Ellen M. Markman (Stanford University, USA); Lin Bian (University of Chicago) ; Abigail Pickard (University of Edinburgh, School of Health in Social Sciences). The aim of this international scientific symposium at the ICN is to examine food literacy from the specific angle of theoretical food knowledge ("knowing that") and its influence on preferences for F&V, while setting aside procedural knowledge and culinary skills ("knowing how"). Despite well-known public health guidelines encouraging increased intake of fruits and vegetables (F&V), their consumption remains insufficient worldwide, with an average of 267 g consumed per person per day compared to the 400 g WHO recommendation (EPRS, 2021). The concept of food literacy can bridge this gap between knowledge and behaviour. In recent decades, research on food literacy has proliferated, as a way of empowering eaters of all ages, encouraging them to adopt more plant-based diets and thus facilitating dietary transition in line with public health recommendations. However, interest in food literacy should not overlook the conceptual ambiguity surrounding its definition. Although various theoretical models have been proposed, the contributions of food literacy's multiple components—such as cultural knowledge about food, nutritional health knowledge, and culinary skills—to individual food preferences, choices, and aversions remain unknown.

LISTE DES INTERVENANTS

CHAIR(S)

J. LAFRAIRE

11:15 - 11:33

FOOD LITERACY AND KNOWLEDGE: EMPOWERING ALL EATERS TO PROMOTE FRUIT AND VEGETABLE CONSUMPTION

A. PICKARD

11:33 - 11:51

FOOD LITERACY AND KNOWLEDGE: EMPOWERING ALL EATERS TO PROMOTE FRUIT AND VEGETABLE CONSUMPTION

L. BIAN

11:51 - 12:09

FOOD LITERACY AND KNOWLEDGE: EMPOWERING ALL EATERS TO PROMOTE FRUIT AND VEGETABLE CONSUMPTION

E.M.. MARKMAN

12:09 - 12:27

FOOD LITERACY AND KNOWLEDGE: EMPOWERING ALL EATERS TO PROMOTE FRUIT AND VEGETABLE CONSUMPTION

J. LAFRAIRE

Monday August 25th

16:45 - 18:15

THE ROLE OF NON-SUGARS SWEETENERS IN SUGARS REDUCTION STRATEGIES- A DIABETES AND NUTRITION STUDY GROUP (DSNG) SESSION FOR DEFINING RESEARCH AND PUBLIC HEALTH PRIORITIES

SY030

SCIENTIFIC SYMPOSIUM

Amphitheatre Bleu



DESCRIPTION

2 hour session The role of Non-sugars sweeteners in sugars reduction strategies: A Diabetes and Nutrition Study Group (DSNG) session for defining research and public health priorities Charis: Cyril Kendall (Canada) and Jordi Salas Salvado (Spain) 20 min Sources of sugars and NCDs: What is the target? (Laura Chiavaroli, Canada) 20 min Non-sugars sweetened beverages for weight outcomes: Lessons learned from the SWITCH trial (Jason Halford, UK) 20 min Is the sweetness of the diet the problem? Lessons learned from the Sweet Tooth Study (Kees de Graaf, Netherlands) 20 min Non-sugars sweetened beverages for NCDs risk reduction: Robust methods to reconcile the evidence and a proposal for a mega-cohorts pooling project to inform guidelines (John Sievenpiper, Canada) 40 min Panel discussion 1. Define the need and targets for sugars reduction strategies 2. Evaluate the most recent randomized trials of non-sugars sweeteners 3. Explain evidence syntheses approaches for reconciling the evidence 4. Identify research priorities for increasing agreement across guidelines We are confronted with a rapidly increasing pandemic of obesity, diabetes, and their downstream complications. Dietary guidelines and clinical practice guidelines for obesity and diabetes have responded with universal recommendations to reduce sources of added and free sugars to <5-10% of energy with a particular focus on sugar-sweetened beverages. Non-sugars sweeteners represent an important strategy to achieve these public health targets. There is, however, an emerging concern that non-sugars sweeteners may not have the intended benefits and may even have unintended adverse effects increasing the risk of obesity and its downstream cardiometabolic complications through changes in the microbiome, sweet taste perception, and/or metabolic and endocrine responses. Although clinical practice guidelines for obesity and diabetes recommend non-sugars sweeteners for sugars reduction, various health agencies including the WHO and Health Canada have diverged from this consensus recommending against the use of non-sugars sweeteners owing to these concerns and a lack of established benefits on prioritized health outcomes. This session will explore the need and targets for sugars reduction, the most recent randomized trials of non-sugars sweeteners, updated evidence syntheses approaches for reconciling the evidence, and research priorities for increasing agreement across guidelines.

LISTE DES INTERVENANTS

CHAIR(S)

C. KENDALL

16:45 - 17:05

NON-SUGARS SWEETENED BEVERAGES FOR NCDS RISK REDUCTION: ROBUST METHODS TO RECONCILE THE EVIDENCE AND A PROPOSAL FOR A MEGA-COHORTS POOLING PROJECT TO INFORM GUIDELINES

J. SIEVENPIPER

17:05 - 17:25

NON-SUGARS SWEETENED BEVERAGES FOR WEIGHT OUTCOMES: LESSONS LEARNED FROM THE SWITCH TRIAL

J.C. HALFORD

17:25 - 17:45

IS THE SWEETNESS OF THE DIET THE PROBLEM? LESSONS LEARNED FROM THE SWEET TOOTH STUDY

K. DE GRAAF

17:45 - 18:05

SOURCES OF SUGARS AND NCDS: WHAT IS THE TARGET?

L. CHIAVAROLI

Monday August 25th

16:45 - 18:15

ARTIFICIAL INTELLIGENCE FOR PRECISION NUTRITION - CURRENT STATUS AND FUTURE DIRECTIONS WITH EXAMPLES FROM THE NUTRITION FOR PRECISION HEALTH STUDY

SY029

SCIENTIFIC SYMPOSIUM

Grand Amphitheatre



DESCRIPTION

Nutrition plays an integral role in human development and in the prevention and treatment of disease. However, there's no such thing as a perfect, one-size-fits-all diet. The Nutrition for Precision Health study will build on recent advances in biomedical science including artificial intelligence (AI), microbiome research, as well as the infrastructure and large, diverse participant group of the NIH-funded All of Us Research Program. In this session, center PIs/MPIs introduce the NPH and AoU programs, and focus on the integration of AI methods for incorporating multimodal data from participants living across the United States. Introduction to NPH and AoU - Dr. Holly Nicastro Data Curation and Harmonization for Nutrition for Precision Health - Dr. Marie Gantz Making data AI-ready - Professor Diana Thomas and Dr. Jake LaPorte AI and the Human Microbiome - Professor Rob Knight NIH Training Program in AI and Precision Nutrition - Professor Saurabh Mehta The goal of the NIH Common Fund's Nutrition for Precision Health, powered by the All of Us Research Program, is to develop algorithms that predict individual responses to food and dietary patterns. These algorithms are made possible by advances in AI and machine learning. These advances provide unprecedented opportunities to generate new data to provide insight into personalized nutrition also referred to as precision nutrition. The NPH study is the first ancillary study to leverage the All of Us infrastructure to answer scientific questions important to participants like understanding more about the role of nutrition in health. High-quality nutrition studies such as the NPH study will help individuals and their health care providers create healthy, precise, and effective diet plans. We are flexible on audience size depending on interest, and will be able to cover difference in cost.

LISTE DES INTERVENANTS

CHAIR(S)

S. MEHTA

16:45 - 17:03

NIH TRAINING PROGRAM IN AI AND PRECISION NUTRITION

S. MEHTA

17:03 - 17:21

MAKING DATA AI-READY

D. THOMAS

J. LAPORTE

17:21 - 17:39

INTRODUCTION TO NPH AND AOU

H. NICASTRO

17:39 - 17:57

DATA CURATION AND HARMONIZATION FOR NUTRITION FOR PRECISION HEALTH

M. GANTZ

17:57 - 18:15

AI AND THE HUMAN MICROBIOM

R. KNIGHT

Monday August 25th

16:45 - 18:15

WHO SPONSORED SYMPOSIUM - BUILDING ON THE WHO GUIDELINE ON WASTING AND NUTRITIONAL OEDEMA AS A FOUNDATION TO DEVELOP A RESEARCH PRIORITY AGENDA AND CORE OUTCOME SETS

SY033

SCIENTIFIC SYMPOSIUM

Room 242A



DESCRIPTION

WHO published the WHO guideline on the prevention and management of wasting and nutritional oedema (acute malnutrition) in infants and children under 5 years in 2023. We identified extensive evidence gaps during the guideline development process as well as challenges with regards to standardization of outcome measurement and reporting, which made decision-making difficult for the Guideline Development Group (GDG). We are currently building on the guideline development process with two key activities, including generating a research priority agenda and core outcome sets (COS) for the populations and topics of focus, to strengthen the evidence base for updates to the 2023 WHO guideline. The objective was to develop a research priority agenda through a Child Health and Nutrition Research Initiative (CHNRI) exercise and six COS for wasting and nutritional oedema through a Delphi process in infants and children, building on outputs and knowledge gained while developing the 2023 WHO guideline. The 2023 WHO guideline includes good practice statements and recommendations for four populations and topics of focus, including infants less than 6 months of age at risk of poor growth and development, moderate wasting in infants and children 6–59 months of age, severe wasting and nutritional oedema in infants and children 6–59 months of age, and prevention of wasting and nutritional oedema. However, many of the guideline questions that were prioritized had limited evidence for the GDG to examine and base recommendations on, and in some cases there was a lack of directly relevant evidence. There are also additional priority areas beyond the guideline questions that have not yet been addressed. The research priority agenda and COS for wasting and nutritional oedema will facilitate linkages between research and recommendations. We plan to be responsive to new evidence that can be used to update the 2023 WHO guideline on the prevention and management of wasting and nutritional oedema in infants and children globally.

LISTE DES INTERVENANTS

CHAIR(S)

A. DANIEL

16:45 - 17:00

TBC

C. NAUDE

17:00 - 17:15

TBC

I. TREHAN

17:15 - 17:30

TBC

K. DE POLNAY

17:30 - 17:45

TBC

N. LELIJVELD

17:45 - 18:00

TBC

R. RANA

18:00 - 18:15

TBC

T.N. THEURI

Tuesday August 26th

08:00 - 09:30

ULTRA-PROCESSED DIETS AND THE CHRONIC DISEASE PANDEMIC- EVIDENCE, GLOBAL POLICIES AND MOBILIZING COLLECTIVE ACTION

SY044

SCIENTIFIC SYMPOSIUM

Amphitheatre Bleu



DESCRIPTION

Barry M Popkin, Taxing sugar-sweetened beverages: the first target for reducing the impact of ultra-processed foods on the global diet. Carlos Monteiro: Evidence linking ultra-processed diets to the pandemic of obesity and other chronic diseases. Camila Corvalan, Policies for ultra-processed food control Phil Baker: Mobilizing a global health response to ultra-processed foods: countering corporate determinants and strategies for collective action. Our goal is to update us on current science around ultra-processed food, global policies now and for the future, and issues related to food corporation political interference and actions being taken to fight these. Over the past 30-40 years ultra-processed food (UPFs) have begun to dominate the diets of high income countries. Moreover they are increasing rapidly in consumption in low- and middle-income countries (LMICs). A major focus of global food companies and their local counterparts has been to focus marketing and sales on these LMIC markets. The push is to sell more ready-to-eat and ready-to-heat inexpensive UPFs across these countries. We will address the consequences of UPFs on our physical and mental health using new data, address current and future policies to impact not only consumers but UPF corporations, and discuss the food corporations interference in food policy and how many countries local NGOs and scholars are fighting back against these UPF corporations.

LISTE DES INTERVENANTS

MANAGER

B. POPKIN

CHAIR(S)

B. POPKIN

C.A. MONTEIRO

08:00 - 08:20

TAXING SUGAR-SWEETENED BEVERAGES: THE FIRST TARGET FOR REDUCING THE IMPACT OF ULTRA-PROCESSED FOODS ON THE GLOBAL DIET

B. POPKIN

08:20 - 08:40

EVIDENCE LINKING ULTRA-PROCESSED DIETS TO THE PANDEMIC OF OBESITY AND OTHER CHRONIC DISEASES

C.A. MONTEIRO

08:40 - 09:00

POLICIES FOR ULTRA-PROCESSED FOOD CONTROL

C. CORVALÁN

09:00 - 09:30

MOBILIZING A GLOBAL HEALTH RESPONSE TO ULTRA-PROCESSED FOODS: COUNTERING CORPORATE DETERMINANTS AND STRATEGIES FOR COLLECTIVE ACTION

P. BAKER

Tuesday August 26th

08:00 - 09:30

ADVANCING THE GLOBAL POLITICAL NUTRITION AGENDA- FOSTERING BETTER COLLABORATION BETWEEN THE UNITED NATIONS SYSTEM AND ACADEMIA

SY043

SCIENTIFIC SYMPOSIUM

Grand Amphitheatre



DESCRIPTION

Towards achieving the nutrition-related Sustainable Development Goals: Strengthening the relevance of rigorous evidence for guideline development and policy making To support efforts to achieve the global nutrition targets, this session aims to explore gaps in the evidence base for effective nutrition programmes and policy measures and ways to strengthen the evidence base through a better collaboration between the United Nations System and academia. The Second International Conference on Nutrition (ICN2), co-hosted in November 2014 by the Food and Agriculture Organization of the United Nations (FAO) and the World Health Organization (WHO), was a high-level intergovernmental conference that focused global attention on malnutrition in all its forms and aimed to move nutrition issues higher up the development agenda. As recommended at ICN2, the United Nations (UN) General Assembly proclaimed 2016–2025 as the UN Decade of Action on Nutrition (“Nutrition Decade”) in April 2016. The Nutrition Decade provides an enabling environment such that action taken by governments and other stakeholders relies on the latest scientific evidence and engages with academic institutions to further look for effective solutions. It also promotes coherence of national, regional and international policies focusing on evidence and results across multiple sectors to combat all forms of malnutrition. This session will firstly give an overview of the Nutrition Decade and its role in advancing the global political nutrition agenda. Then the session will give examples of international guideline development processes such as those led by the Committee on World Food Security (CFS) and WHO. It will also highlight the importance of generating new evidence and guidance on effective nutrition programmes and nutrition policy measures, highlighting some research areas where the evidence base needs to be strengthened, such as nutrition and climate change and nutrition and food systems. Furthermore, it will address the importance of strengthening the collaboration between the UN and academia and bridging research and policy gaps for effective solutions to combat malnutrition in all its forms.

LISTE DES INTERVENANTS

MANAGER

T. WIJNHoven

CHAIR(S)

L.M.. NEUFELD

T. WIJNHoven

08:00 - 08:20

TBC

I. BROUWER

08:20 - 08:40

TBC

L.M.. NEUFELD

08:40 - 09:00

TBC

L.M. DE REGIL

09:00 - 09:20

TBC

Z. BHUTTA

Tuesday August 26th

08:00 - 09:30

ACCELERATING EVIDENCE FOR PRECISION NUTRITION THROUGH THE LAST MILE TO IMPROVE POPULATION HEALTH

SY047

SCIENTIFIC SYMPOSIUM

Room 242A



DESCRIPTION

Precision Nutrition refers to tailoring diets or foods to people based on characteristics related to individual biology and environment, and is increasingly a focus globally across academic, governmental, and non-governmental sectors. While research in precision nutrition has largely been conducted in high income settings, in this session, we will discuss how advances in Precision Nutrition can be leveraged to improve population health globally including settings with limited resources. We will cover this through the following sessions: 1. Evidence Synthesis for Precision Nutrition and WHO guidelines - presented by Dr. Juan Pablo Peña-Rosas 2. AI and Large Language Models for Evidence Synthesis and Democratizing Data Access - presented by Dr. Samantha L. Huey 3. Innovations in Diagnostics and Last Mile - Example of AnemiaPhone - presented by Dr. Julia L. Finkelstein 4. Equity Considerations for Precision Nutrition - presented by Dr. Mirna P. Amaya 5. Training the next generation on AI and Precision Nutrition - presented by Professor Saurabh Mehta The Joan Klein Jacobs Center for Precision Nutrition and Health was established through a \$25M gift in 2024 at Cornell University, to bring together nutrition and technology such as artificial intelligence, and translate innovations through the last mile to transform population nutrition and health. The Joan Klein Jacobs Center is home to major precision nutrition-related efforts including NIH-funded centers for the Nutrition for Precision Health study, Point of Care Diagnostics, as well as to a T32 training grant on AI and Precision Nutrition. In this session we will describe the work on accelerating innovations in precision nutrition through the last mile to enable their impact on population health. We are flexible on audience size depending on interest, and will be able to cover difference in cost.

LISTE DES INTERVENANTS

CHAIR(S)

S. MEHTA

08:00 - 08:18

AI AND LARGE LANGUAGE MODELS FOR EVIDENCE SYNTHESIS AND DEMOCRATIZING DATA ACCESS

S. HUEY

08:18 - 08:36

INNOVATIONS IN DIAGNOSTICS AND LAST MILE - EXAMPLE OF ANEMIAPHONE

J. FINKELSTEIN

08:36 - 08:54

EQUITY CONSIDERATIONS FOR PRECISION NUTRITION

M. AMAYA

08:54 - 09:12

EVIDENCE SYNTHESIS FOR PRECISION NUTRITION AND WHO GUIDELINES

J.P. PENA-ROSAS

09:12 - 09:30

TRAINING THE NEXT GENERATION ON AI AND PRECISION NUTRITION

S. MEHTA

Tuesday August 26th

08:00 - 09:30

SUPERMARKET PLACEMENT LEGISLATION TO RESTRICT PURCHASING OF HIGH FAT, SUGAR AND SALT (HFSS) FOODS IN ENGLAND- DID IT WORK?

SY045

SCIENTIFIC SYMPOSIUM

Room Maillot



DESCRIPTION

This Scientific Symposium will present results from the DIO Food Project. The session will be co-chaired by Prof Michelle Morris and Prof Alexandra Johnstone. Presentation 1 - Prof Morris will introduce the legislation and the mixed methods approach to evaluation which includes analysis of supermarket sales data from four major UK retailers. Presentation 2 - Dr Kininmonth will set context for how the retailers implemented the legislation sharing findings from retailer surveys and interviews. Presentation 3 - Dr Alison Fildes will share results of a customer survey to understand if and how customers responded to the legislation. Presentation 4 - Dr Katie Van will present findings from analysis of sales data using interrupted time series methods to assess whether the legislation changed customer purchasing patterns. Presentation 5 - Dr Victoria Jenneson will present findings on whether the impact of the legislation was equitable across different demographic groups, using the Priority Places for Food index and IMD deciles. Presentation 6 - Prof Alexandra Johnstone will discuss impact from this research and the approach to co-production and knowledge exchange throughout the project. We will present findings from the following research questions: What happened to HFSS product sales after introduction of the policy? Were impacts of the HFSS legislation, determined by product sales, equitable across different sociodemographic groups across the country? How did customers perceive the legislation and in store changes? How did the retailers respond to the legislation and was this consistent? On 1 October 2022, new legislation came into force for England restricting the placement of some food and drink products high in fat, sugar and salt (HFSS). Products such as confectionery can no longer be placed at store entrances, ends of aisles, or at the checkout in large retail stores and their online equivalents. 12 months on from the legislation we investigate the impact of the legislation using a mixed methods approach including customer and retailer surveys, retailer interviews and analysis of sales data from four major UK retailers.

LISTE DES INTERVENANTS

MANAGER

M. MORRIS

CHAIR(S)

M. MORRIS

A. JOHNSTONE

08:00 - 08:15

TBC

A. FILDES

08:15 - 08:30

TBC

V. JENNESON

08:30 - 08:45

TBC

A. JOHNSTONE

08:45 - 09:00

TBC

A. KININMONTH

09:00 - 09:15

TBC

K. VAN

Tuesday August 26th

11:15 - 12:45

THE MULTISECTORAL VALUE OF SCHOOL MEALS PROGRAMMES BEYOND NUTRITION- EXAMPLES FROM EUROPE AND AFRICA

SY060

SCIENTIFIC SYMPOSIUM

Room 241



DESCRIPTION

This symposium will provide an overview of how school meal programs are implemented in distinct contexts and how the public policies that shape them can support public health and sustainable development. Opening remarks by the co-chairs of the symposium - Donald Bundy, Professor, London School of Hygiene and Tropical Medicine, London, United Kingdom. - Sylvie Avallone, Professor, L'Institut Agro, Montpellier, France. Speakers - Multisectoral value of the French school meal programs and the Dijon case study. Sophie Nicklaus, Research director, INRAE, Dijon, France. - Value for money of school feeding programs in Sub-Saharan Africa. Stéphane Verguet, Associate Professor, Harvard T.H. Chan School of Public Health, Boston, US. - What do we learn from the Community of practice Nutrition measurement ? Robert Akparibo, Associate Professor, Sheffield University. - Public procurement for national school meals programs in Sub-Saharan Africa: Programme implementation, challenges, facilitators and nutritional outcomes. Julia Liguori, Mathilde Savy, Michelle Holdsworth, Institut de Recherche pour le Développement, France. - Questions and answers - Closing remarks by Professor Donald Bundy - to highlight the experiences of countries and cities on school meals implementation with a special emphasis on good practices in terms of nutritional standards - to showcase the multiple impacts of school meals on children well being, food system and sustainable development and their return in investments Many countries have school meal programs to ensure food security and child nutrition while supporting their ability to learn. One of the key outcomes of the United Nations Food Systems Summit (UNFSS) was the launch of the School Meals Coalition, which aims to promote "Nutrition, Health, and Education for Every Child." A Research consortium for School Health and Nutrition was created to provide scientific evidence of the school meal impact on child nutrition and health but also on the global food system sustainability.

LISTE DES INTERVENANTS

MANAGER

S. AVALLONE

CHAIR(S)

D. BUNDY

S. AVALLONE

11:15 - 11:35

PUBLIC PROCUREMENT FOR NATIONAL SCHOOL MEALS PROGRAMS IN SUB-SAHARAN AFRICA: PROGRAMME IMPLEMENTATION, CHALLENGES, FACILITATORS AND NUTRITIONAL OUTCOMES

J. LIGUORI

11:35 - 11:55

WHAT DO WE LEARN FROM THE COMMUNITY OF PRACTICE NUTRITION MEASUREMENT ?

R. APKARIBO

11:55 - 12:15

MULTISECTORAL VALUE OF THE FRENCH SCHOOL MEAL PROGRAMS AND THE DIJON CASE STUDY

S. NICKLAUS

12:15 - 12:35

VALUE FOR MONEY OF SCHOOL FEEDING PROGRAMS IN SUB-SAHARAN AFRICA

S. VERGUET

Tuesday August 26th

11:15 - 12:45

WHO-SPONSORED SYMPOSIUM - STRENGTHENING FOOD FORTIFICATION FOR BETTER HEALTH- TRANSLATING WHO'S GUIDANCE INTO ACTION

SY061

SCIENTIFIC SYMPOSIUM

Room 242A



DESCRIPTION

Introduction WHO Guidance on Food Fortification: Implications and Key Recommendations Planning for Impact: Evidence-Based Design of LSFF Programmes Policy Coherence: Balancing Food Fortification and NCD Prevention Harnessing Innovation: Digital Tools to Strengthen LSFF Monitoring and Delivery Q&As Summary and Way Forward Present and discuss WHO's updated guidance on food fortification, highlighting key recommendations for the design, implementation, and monitoring of large-scale food fortification (LSFF) programmes. Explore evidence-based strategies for designing and ensuring the success of impactful LSFF programs, with a focus on practical approaches. Examine the role of policy coherence in aligning food fortification with public health priorities, particularly non-communicable diseases (NCDs). Highlight the role of digital innovations in enhancing LSFF monitoring, delivery, and impact evaluation. Discuss opportunities for further research and promote collaboration to optimize LSFF strategies for improved nutrition and NCD prevention globally. Large-scale food fortification (LSFF) is among the most cost-effective strategies to improve nutrition, especially in populations vulnerable to micronutrient deficiencies. WHO has updated its guidance to support evidence-based, sustainable, and scalable LSFF programmes through improved design, implementation, and monitoring. With the rising burden of non-communicable diseases (NCDs), fortification policies must also consider the health risks associated with certain vehicles—such as salt, sugar, and bouillon cubes—when overconsumed. Ensuring that fortification efforts do not inadvertently increase the risk of NCDs is critical, and policies should be coherent with broader disease prevention strategies. This symposium brings together leading experts to present WHO' latest guidance on food fortification, highlight innovative approaches, and examine how policy coherence can align fortification with NCD prevention. It aims to foster collaboration, inform future research, and support more effective global fortification efforts.

LISTE DES INTERVENANTS

CHAIR(S)

L.M. DE REGIL

11:15 - 11:35

TBC

L.M. DE REGIL

11:35 - 11:55

TBC

H. PACHÓN

11:55 - 12:15

TBC

P. MKAMBULA

12:15 - 12:35

TBC

J. UNTORO

Tuesday August 26th

11:15 - 12:45

DIET OPTIMIZATION TO NOURISH A HEALTHY, SUSTAINABLE WORLD

SY059

SCIENTIFIC SYMPOSIUM

Room Maillot



DESCRIPTION

Presentation 1: The double burden of malnutrition – a global landscape Dr. Jessica Fanzo (Columbia University) Presentation 2: Defining sustainable diets and food systems Dr. Saskia de Pee (UN World Food Programme) Presentation 3: The importance of protein quality in global nourishment Dr. Paul Moughan (Riddet Institute, Massey University) Presentation 4: Diet optimization using a validated tool that delivers nutritional adequacy while considering accessibility, affordability, and the environment Dr. Nick Smith (Sustainable Nutrition Initiative)

Describe the current global landscape of undernutrition, obesity and noncommunicable diseases Define sustainable diets and food systems with consideration for nutrition, the environment, and socioeconomics Discuss the importance of protein quality in global nourishment Explore diet optimization with consideration of sustainable diets and food systems. The world is currently faced with a double burden of malnutrition, where undernutrition and micronutrient deficiencies are occurring simultaneously with obesity and noncommunicable diseases. The Food and Agriculture Organization (FAO) defines a sustainable food system as one that provides food and nutritional security for all while ensuring economic, social and environmental sustainability. As pressure mounts to meet Sustainable Development Goals and transition to more sustainable sources of protein, the issue of protein quality becomes of utmost importance. The challenge of providing affordable and accessible nourishment within planetary boundaries to a growing population, however, will require a holistic approach to designing and delivering optimized diets for sustainable global health. This session aims to demonstrate to attendees a way forward in optimizing regional, culturally relevant diets with consideration for not only food security and nutrition, but also economic, social, and environmental sustainability. Validated diet optimization tools designed to create nutritionally adequate diets within cost, acceptability, and environmental constraints will be explored.

LISTE DES INTERVENANTS

MANAGER

P. MOUGHAN

CHAIR(S)

P. MOUGHAN

11:15 - 11:33

THE IMPORTANCE OF PROTEIN QUALITY IN GLOBAL NOURISHMENT

P. MOUGHAN

11:33 - 11:51

THE DOUBLE BURDEN OF MALNUTRITION – A GLOBAL LANDSCAPE

J. FANZO

11:51 - 12:09

**DIET OPTIMIZATION USING A VALIDATED TOOL THAT DELIVERS NUTRITIONAL ADEQUACY
WHILE CONSIDERING ACCESSIBILITY, AFFORDABILITY, AND THE ENVIRONMENT**

N. SMITH

12:09 - 12:27

DEFINING SUSTAINABLE DIETS AND FOOD SYSTEMS

S. DEPEE

12:27 - 12:45

TBC

T. BEAL

Wednesday August 27th

08:00 - 09:30

KEY LEARNINGS FROM NUTRITION EXEMPLARS IN GLOBAL HEALTH (EGH) FOR ADDRESSING CHILDHOOD UNDERNUTRITION AND ANEMIA IN WOMEN OF REPRODUCTIVE AGE IN LMICS

SY073

SCIENTIFIC SYMPOSIUM

Room Maillot



DESCRIPTION

Introduction to Exemplars in Global Health (EGH) (5 min); The EGH for anemia reduction in women of reproductive age: synthesized findings from the exemplars in anemia project (15 min); The EGH for stunting reduction in children under 5 years: cumulative learnings from the stunting project (20 min); The EGH for maternal and infant nutrition and growth: country-selection methodology and preliminary results (15 min) Q & A with the audience (20 min); Closing Comments (15 min) To provide case studies of successful stories of countries in low and middle-income countries (LMICs) that significantly reduced the burden of undernutrition among women of reproductive age and children under 5 years of age in the Exemplars in Global Health (EGH) project. Learning from the successful stories of those who have done well can help accelerate global progress toward the SDG, through adapted strategies to local circumstances. EGH aims to build efforts to identify LMICs that performed outstandingly well on specific topics, including nutrition in the maternal and child group. The overall goal is to understand how this progress was achieved and where gaps remain, and then leverage those insights to contribute the global learning and help to drive similar progress in other countries. Across the several topics covered in the EGH project, three focused on improvements in nutrition among women and children: the anemia reduction in women of reproductive age, the stunting reduction in children under 5 years, and the maternal and infant nutrition and growth (MiNG). Global progress in these nutrition topics has been slow and challenging, making essential a deep understanding of what worked well in different contexts that can be leveraged and adapted to different settings. This session aims to disseminate findings and key messages learned from the EGH nutrition topics in the last three decades. In addition to that, the session will introduce MiNG's activities and research goals that holistically aim to investigate the interconnection between mothers' nutrition and early growth, focusing on wasting reduction in children under 24 months of age. All these projects used similar mixed-methods approaches to determine drivers of change in "exemplar" countries (that is, those that have outperformed peer countries and achieved better progress than what would be expected based on sociodemographic improvements, like economic growth). The key learnings from EGH nutrition projects will help catalyze progress toward some SDGs. Altogether, these three projects provide essential learnings that must be leveraged across the globe seeking a better life for all, starting early in life.

LISTE DES INTERVENANTS

MANAGER

P. NEVES

CHAIR(S)

P. NEVES

08:00 - 08:15

TBC

Z. BHUTTA

08:15 - 08:30

TBC

R. BLACK

08:30 - 08:45

TBC

C. DUGGAN

08:45 - 09:00

TBC

W. FAWZI

09:00 - 09:15

TBC

A. MAYBERRY

09:15 - 09:30

TBC

A. OWAIS

Wednesday August 27th

08:00 - 09:30

WHO SPONSORED SYMPOSIUM- ADVANCING COMPLEMENTARY FEEDING TO TACKLE ALL FORMS OF CHILDHOOD MALNUTRITION- INTERVENTION GUIDANCE AND EVIDENCE

SY075

SCIENTIFIC SYMPOSIUM

Room 242A



DESCRIPTION

Optimal diets in early childhood are key to preventing all forms of malnutrition, including wasting, stunting, micronutrient deficiencies and overweight. As global attention shifts toward integrated, systems-based approaches, interventions that serve multiple nutrition goals - "double duty actions" - are recognized as high-impact solutions. In this session we will launch new WHO/UNICEF implementation guidance on policies and programmes to support healthy and adequate complementary feeding and highlight effective interventions and actions for improving the diets of young children. We will also explore the current evidence base on what works, presenting effective strategies across sectors to ensure young children receive the nutrition they need to thrive. Highlight the role of optimal complementary feeding in achieving the WHA 2030 global nutrition targets Introduce new WHO/UNICEF implementation guidance for improving complementary feeding to inform and strengthen country-level action Describe and advocate for policy and programme actions to improve the diets of young children during the complementary feeding period Explore data gaps and potential solutions for monitoring infant and young child feeding practices Synthesize current evidence on the effectiveness of key interventions to support complementary feeding practices. In 2023, WHO released new guidelines on the core components of optimal complementary feeding of children 6-23 months old. Complementary feeding is also a priority in the UN Global Action Plan on Wasting, which calls for increased investment in improving young child diets as a key strategy to prevent wasting. Key indicators related to complementary feeding - including minimum dietary diversity, sweet beverage consumption, and infant and young child feeding (IYCF) counselling - have been incorporated into the WHO Comprehensive Implementation Plan on Maternal, Infant and Young Child Nutrition. In addition, the UNICEF Programming Guidance on improving young children's diets during the complementary feeding period outlines multisectoral approaches to enhance the availability, accessibility, affordability and consumption of nutritious and safe complementary foods. UNICEF and WHO have also launched the Global Complementary Feeding Collective, a partnership of global agencies dedicated to improving nutrition for children aged 6 to 23 months through improved programming, policies, and advocacy.

LISTE DES INTERVENANTS

CHAIR(S)

L. GRUMMER-STRAWN

08:00 - 08:10

TBC

E. BASSETTI

08:10 - 08:20

TBC

A. BORREL

08:20 - 08:30

TBC

M.E. JEFFERDS

08:30 - 08:40

TBC

S. NAMASTE

08:40 - 08:50

TBC

A. PRIES

08:50 - 09:00

TBC

L. SHAKER BERBARI

09:00 - 09:10

TBC

E. ZEHNER

Wednesday August 27th

08:00 - 09:30

MICRONUTRIENTS, GUT MICROBIOTA, AND NUTRITIONAL ANEMIA- EXPLORING NEW FRONTIERS IN PREVENTION AND TREATMENT

SY076

SCIENTIFIC SYMPOSIUM

Room 242B



DESCRIPTION

First, we will call upon key experts in the field of micronutrient metabolism to provide their perspectives on the current state of evidence regarding the role of micronutrients in nutritional anemia. This includes a review of iron, as well as emerging micronutrients like vitamin D and zinc, and the strength of the evidence supporting their impact on anemia outcomes. We will also review the important role of various micronutrients in iron metabolism and hematopoiesis. [Speakers: Dr. Crystal Karakochuk, The University of British Columbia, Vancouver, Canada and Dr. Timothy J Green, Flinders University, Adelaide, Australia] Lastly, we will explore the potential interactions between these micronutrients, fermented foods and the gut microbiota, and their collective role in influencing anemia outcomes. [Speaker: Dr. Patrick Veiga, Micalis, Paris, France] To provide an update on the critical roles that a range of micronutrients play in reducing the risk of anemia To highlight new ideas that support a potential role of the gut microbiota in alleviating nutritional anemia There has been little progress in anemia reduction globally, despite decades of extensive programs informed by policies to prevent and treat the micronutrient deficiencies associated with nutritional anemia. A shift towards understanding the broader ecology of anemia, using systems thinking, has sparked new research into the complex interplay between gut health, micronutrient metabolism and anemia.

LISTE DES INTERVENANTS

MANAGER

C. KARAKOCHUK

CHAIR(S)

C. KARAKOCHUK

08:00 - 08:30

TBC

T.J. GREEN

08:30 - 09:00

TBC

K. KRAEMER

09:00 - 09:30

TBC

P. VEIGA

Wednesday August 27th

11:15 - 12:45

POTASSIUM-ENRICHED SALT FOR CARDIOVASCULAR DISEASE PREVENTION

SY092

SCIENTIFIC SYMPOSIUM

Room 251



DESCRIPTION

This session will highlight the compelling evidence supporting the use of potassium-enriched salt as an innovative approach to prevent and manage hypertension while reducing cardiovascular risk. World leading expert Prof Bruce Neal will introduce the symposium, discussing the concept from groundbreaking research to the potential transformation of the world's salt supply (15 mins). This session will continue with three presentations: (1) the latest evidence on the global impact (15 mins), (2) implementation strategies and country case studies (25 mins) and (3) parallel fortification strategies for preventing micronutrient deficiency disorders (15 mins). Prof Neal will conclude the session with closing remarks and a Q&A discussion (20 mins). The objectives of the symposium are to: - Discuss the compelling scientific evidence supporting the use of potassium-enriched salt as a strategy for preventing and managing hypertension, as well as hyper- and hypokalaemia. - Examine the effective strategies for implementing potassium-enriched salt initiatives, including real-world country case studies that demonstrate integration and impact. - Explore parallel fortification strategies that can address both micronutrient deficiencies and noncommunicable disease, with a particular focus on universal salt iodisation. - Advocate for the adoption of potassium-enriched salt as a key component of global public health guidelines and policies to combat hypertension and related health risks. - Provide a platform for experts, policymakers and stakeholders to share insights, research and best practices encouraging collaboration and informed decision-making. - Foster discussion and exchange of ideas through a Q&A session to explore further questions regarding availability, affordability, awareness and acceptability of potassium-enriched salt. Excess dietary sodium consumption and insufficient dietary potassium consumption is ubiquitous. Both are well-established causes of high blood pressure, which is the leading cause of death and disability worldwide. The public health community has tried but failed to reduce population sodium intake with strategies focussed on "cutting" salt use. Efforts to increase potassium intake have also failed because of dietary shifts towards processed foods. The challenge is that current strategies targeting sodium and potassium require changes that have been impossible for governments, industries, communities, and individuals to make and sustain at scale. 'Switching' to potassium-enriched salt has proved effective, feasible and scalable because the required behaviour change is much easier. Potassium-enriched salt substitute is regular salt in which some of the sodium chloride has been replaced with potassium chloride. It looks and tastes the same as regular salt but is highly effective for lowering blood pressure.

LISTE DES INTERVENANTS

MANAGER

M.A. LAND

CHAIR(S)

M.A. LAND

11:15 - 12:45

POTASSIUM-ENRICHED SALT FOR CARDIOVASCULAR DISEASE PREVENTION

B. NEAL

Wednesday August 27th

11:15 - 12:45

ASIAN DIETARY PATTERNS AND CHRONIC DISEASE PREVENTION AND MANAGEMENT

SY088

SCIENTIFIC SYMPOSIUM

Room 241



DESCRIPTION

This symposium, co-organized by the Federation of Asian Nutrition Societies (FANS) and the Chinese Nutrition Society (CNS), focuses on exploring the role of Oriental dietary patterns in the prevention and management of chronic diseases. Chronic diseases such as cardiovascular disease, diabetes, and obesity are increasingly affecting populations across Asia, making the understanding of traditional dietary practices and their health benefits more relevant than ever. The symposium aims to provide a platform for nutrition researchers, healthcare professionals, and policy-makers to discuss and share strategies for leveraging traditional diets to address contemporary health challenges. By fostering a collaborative approach, this session seeks to contribute to chronic disease prevention efforts across Asia. Through a series of expert presentations, the symposium will delve into the unique characteristics of regional diets from countries such as China, Japan, and Indonesia. Topics will include evidence-based discussions on the health impact of traditional Chinese dietary practices, insights from Japanese and Indonesian diets, and strategies involving food therapy and nutritional practices. The session will also explore the cultural and nutritional factors that contribute to the health benefits of these traditional dietary patterns.

LISTE DES INTERVENANTS

MANAGER

M. QIU

CHAIR(S)

Y. YANG

11:15 - 11:30

TBC

G. DING

11:30 - 11:45

TBC

H. HARDINSYAH

11:45 - 12:00

TBC

Y. HIROSHI

12:00 - 12:15

TBC

Z. SHANKUAN

12:15 - 12:30

TBC

E.S. TEE

Wednesday August 27th

11:15 - 12:45

FOOD AND MICROBIOTA IN AFRICA (FAMA) - EXPLORING FOOD SYSTEMS BASED ON TRADITIONAL FOOD TO IMPROVE GUT MICROBIOTA AND NUTRITION OF LOW-INCOME POPULATIONS IN SOUTH AFRICA AND SENEGAL- AN INTER AND TRANSDISCIPLINARY PROJECT

SY090

SCIENTIFIC SYMPOSIUM

Room 242B



DESCRIPTION

African countries such as South Africa and Senegal face the challenge of climate change and a triple burden of malnutrition. The nutritional transition leads to the risk of an explosion of diet-related non-communicable diseases and detrimental changes to the human gut microbiota. Reduced diversity and dysbiosis of the gut microbiome can lead to chronic inflammation with considerable consequences on public health costs, as in Europe. There is therefore a need to transform food systems to ensure that they provide sufficient, stable, safe and healthy food at an affordable cost, while being more sustainable and resilient to climate change. Traditional African foods (TAFs) are increasingly considered as being both a healthy alternative and a lever to promote climate-resilient agri-food systems. Supported by the French Embassy in South Africa, FAMA project was launched on July 2024 for a duration of 2 years. It brings together 7 research organisations: University of Pretoria (UP), University of the Western Cape (UWC), Agricultural Research Council (ARC), Council for Scientific and Industrialised Research (CSIR), French National Institute for Agriculture, Food and Environment (INRAE), Senegalese Research Laboratory on Economic and Social Transformations (LARTES-IFAN/Université Cheikh Anta Diop de Dakar) and French Agricultural Research Centre for International Development (CIRAD) as the coordinator. FAMA aims to promote alternative food systems based on TAFs to improve gut microbiota and combat malnutrition in urban areas, especially overweight/obesity. More specifically, FAMA objectives are to: 1) explore how TAFs influence the microbiota; 2) promote the production of these foods through agroecological practices; 3) improve processing methods of TAFs while ensuring their affordability; 4) encourage the consumption of TAFs, highlighting their nutritional and cultural value. Particular attention is paid to young people, women and the co-design with farmers and processors of sustainable and resilient agri-food systems in the face of climate change. The scientific symposium presents FAMA preliminary results while considering insights from InnoFoodAfrica project (an EU-funded project involving UP and INRAE) and the African Microbiome Institute (AMI). The 4 following presentations will be chaired by Dr Arlène Alpha (Cirad) and Dr Marie-Jo Amiot Carlin (Inrae): - Place of TAFs in the diets of South African and Senegalese populations: Prof Rina Swart (UWC), Dr Moustapha Seye (LARTES-IFAN/UCAD) - Role of TAFs in improving gut microbiota: Dr Emmanuelle Maguin (INRAE) - Nutritional and Health benefits of TAFs: Prof Mohammad Emmambux (UP) - Improvement of production and the process of specific TAFs: Dr Lodama Kafua (ARC), Dr Nomusa Dlamini (CSIR)

LISTE DES INTERVENANTS

MANAGER

A. ALPHA

CHAIR(S)

M.J. AMIOT-CARLIN

A. ALPHA

11:15 - 11:25

INTRODUCTION

A. ALPHA

11:25 - 11:40

PLACE OF TAFS IN THE DIETS OF SOUTH AFRICAN AND SENEGALESE POPULATIONS

M. SEYE

R. SWART,

11:40 - 11:55

ROLE OF TAFS IN IMPROVING GUT MICROBIOTA

E. MAGUIN

11:55 - 12:10

NUTRITIONAL AND HEALTH BENEFITS OF TAFS

M. EMMAMBUX

12:10 - 12:25

IMPROVEMENT OF PRODUCTION AND THE PROCESS OF SPECIFIC TAFS

N. DLAMINI

L. KAFUA

12:25 - 12:45

Q&A

Wednesday August 27th

16:45 - 18:15

GLOBAL CHALLENGE OF KOREAN FOOD - CULTURE & SCIENCE OF BIBIMBAP

SY106

SCIENTIFIC SYMPOSIUM

Room 251



DESCRIPTION

Global Challenge of Korean Food : Culture & Science of Bibimbap To introduce the good dish to the world by presenting and discussing the cultural and scientific considerations of Bibimbap derived from Korean traditional food table at ICN. - Bibimbap is a dish that is recommended for people of the world for a healthy diet with a perfect nutritional balance and a variety and ratio of food ingredients in a bowl. - Recently, the value and preference of Bibimbap has been continuously increasing due to the trend of consumption of new food culture such as well-being, health-oriented, slow food, and foreigners' interest in ethnic food. - Jeonju City is the only city in Korea selected as a UNESCO food creative city in 2012 Bibimbap is the representative traditional food of Jeonju

LISTE DES INTERVENANTS

MANAGER

Y.S. CHA

CHAIR(S)

Y. PARK

Y.S. CHA

16:45 - 17:15

THE AESTHETICS OF MIXING: KOREAN PHILOSOPHY OF HARMONY THROUGH BIBIMBAP

D. SHIN

17:15 - 17:45

HARMONY OF NUTRITION IN ONE BOWL: A SCIENTIFIC APPROACH TO BIBIMBAP

Y.S. CHA

17:45 - 18:15

DEBATE

J. KIM

J.Y. HWANG,

S. PARK

C.Y. PARK

Wednesday August 27th

16:45 - 18:15

WHAT IT TAKES FOR SUCCESSFUL GLOBAL NUTRITION MONITORING THROUGH THE LIFECYCLE- CHALLENGES AND OPPORTUNITIES

SY102

SCIENTIFIC SYMPOSIUM

Room 241



DESCRIPTION

The symposium will include four presentations on different themes of nutrition monitoring throughout the lifecycle. The presentations will cover key work accomplished under the leadership of the Technical Expert Advisory group on nutrition Monitoring (TEAM) convened by WHO and UNICEF. Topics include issues, challenges, and progress in establishing recommendations for global monitoring related to anthropometry data quality, anemia measurement, nutrition information systems, and school-age and adolescent nutrition assessment. Each PowerPoint presentation will be of 15 minutes each with 7-8 minutes discussion after each presentation. The symposium will be moderated by two co-chairs. The main objective of this symposium is to communicate TEAM's activities with the nutrition community and other relevant sectors. The specific objectives are to: Connect with nutrition experts around the globe to inform participants of TEAM's achievements and ongoing efforts to address global nutrition monitoring needs. Receive feedback from a wide range of nutrition experts on TEAM's ongoing effort and how to improve it. Provide a platform for experts to connect with and contribute to TEAM's ongoing activities. A robust nutrition monitoring framework including a set of key indicators is a foundation for formulation of evidence-based policies and programmes and their impact on nutritional status of population groups. The lack of appropriate indicators and guidance for measurement often hinders nutrition monitoring efforts at national and global level. In 2015, the Technical Expert Advisory group on nutrition Monitoring (TEAM) was jointly convened by UNICEF and WHO to advise on how to improve the quality of nutrition monitoring efforts at all levels. Since its inception, TEAM has been playing a key role to develop appropriate indicators and their operational guidance to help track progress towards the global nutrition targets set by the World Health Assembly and Sustainable Development Goals. TEAM also identified emerging research questions and needs related to the implementation of monitoring initiatives in countries and would like to continue to communicate these to various colleagues and partners at ICN. Several key guidance for nutrition monitoring across the life course have been developed under TEAM leadership. TEAM is well recognized as a monitoring and evaluation reference group by the global nutrition community. Currently, TEAM is working through six working groups.

LISTE DES INTERVENANTS

MANAGER

C. HAYASHI

CHAIR(S)

C. HAYASHI

16:45 - 17:00

TBC

R. HEIDKAMP

17:00 - 17:15

TBC

G. KAC

17:15 - 17:30

TBC

J. LEROY

17:30 - 17:45

TBC

K. SAHA

17:45 - 18:00

TBC

Z. YANG

Thursday August 28th

08:00 - 09:30

LEVERAGING FOODOMICS TO EMPOWER SOLUTIONS FOR HUMAN AND PLANETARY HEALTH

SY114

SCIENTIFIC SYMPOSIUM

Room Maillot



DESCRIPTION

As the world faces more challenges in food security, malnutrition, and climate change, the need for sustainable and nutrient-dense food systems is becoming more urgent. Food composition data and supporting metadata are foundational for designing effective food system solutions to advance human and planetary health. Foodomics, the comprehensive examination of food composition based on multi-omics technologies, is providing high resolution data on what is in food so that we can better understand how it impacts our nutrition and health.

1. Welcome! Selena Ahmed, American Heart Association (5 min) 2. Setting The Table: Why, What, and How of Foodomics (Panel 20 min)

2a. Combatting Malnutrition for People and Planet, Edith Feskens 2b. State of Food Composition Databases, Sarah Brinkley 2c. Power of Foodomics for Nutrition and Planetary Health, Jackie Bertoldo 2d. Data Sharing and Sovereignty in the Digital Era John de la Parra 3. Food Quality from Farm to Blood (Research Presentations; 10 min each) 3a. Linking Soil Health and the Gut Microbiome, Endale Amare 3b. Impacts of Regenerative Agriculture on Food Composition and Serum Biomarkers, Mariana Barboza Gardener 3c. Nutrition of the Global Protein Transition, Eva Jeremendi, 3d. Molecules to Systems: Nutritional Scoring of Diets, Amos Otopah Amin 4. Q&A (10 min) 5. Closing Remarks Selena Ahmed, American Heart Association (5 min)

This Science Symposium will provide an overview of the state of food composition databases and emerging foodomics to inform human planetary health solutions. Presentations will be made by scientists and Fellows affiliated with The Periodic Table of Food Initiative (PTFI), a science-to-action platform that provides standardized foodomics tools, data, and training to a global ecosystem to characterize the world's edible biodiversity. Case studies will be presented to demonstrate the power of foodomics in assessing food quality and contributions to human health and sustainable food systems. The PTFI data platform is designed to build the evidence base to answer: (1) What is in food?, (2) How does this vary based on how and where food is produced and processed?, (3) What are the implications for people and the planet? The PTFI is addressing these questions by developing and distributing standardized foodomics (Ionomics, Lipidomics, Metabolomics, and Glycomics) and providing resulting data in open-access data interfaces. The PTFI has built an ecosystem of 25+ labs with tools leveraged in 20+ research projects on regenerative agriculture, school meals, and Food is Medicine.

LISTE DES INTERVENANTS

MANAGER

S. AHMED

CHAIR(S)

S. AHMED

08:00 - 08:09

TBC

E. AMARE

08:09 - 08:18

TBC

M. BARBOZA GARDENER

08:18 - 08:27

TBC

J. BERTOLDO

08:27 - 08:36

TBC

S. BRINKLEY

08:36 - 08:45

TBC

J. DE LA PARRA

08:45 - 08:54

TBC

E. FESKENS

08:54 - 09:03

TBC

E. JERMENDI

09:03 - 09:12

TBC

Thursday August 28th

11:15 - 12:45

NUTRITION & HEALTH- SHAPING SUSTAINABLE FOOD SYSTEMS FOR FUTURE GENERATIONS

SY127

SCIENTIFIC SYMPOSIUM

Grand Amphitheatre



DESCRIPTION

This session highlights research conducted at the Université Paris-Saclay, particularly within the thematic program "Food Science, Nutrition & Human Nutrition" of the Biosphera Graduate School, focusing on sustainable food systems and their interaction with human health. The Université Paris-Saclay is a pioneer in advancing knowledge in this field, addressing the challenge of creating food systems that are both environmentally sustainable and beneficial to health (while integrating economic and social dimensions). The research covers a broad range of studies, including innovations in food production, the role of food/diets in nutrition/health, and the wider implications for public health and environmental sustainability. The program spans multiple disciplines—such as food science, process engineering, consumer science, microbiology, physiology, toxicology, nutrition and epidemiology—with research focused on major societal and economic issues: sustainable food production processes, innovation to improve the nutritional and sensory qualities of food, reduction of environmental impacts, promotion of local food chains, ensuring nutrition security, support of food transitions and study the role of the dietary exposome on health. After a brief introduction to BIOSPHERA, providing an overview of the research conducted within the program and highlighting the diversity of projects being conducted, this proposed scientific symposium will feature the following: i/A 30-minute keynote addressed by a BIOSPHERA senior scientist (Professor of Nutrition, F. Mariotti), highlighting the sustainability ambitions and the changes in our food systems and reference diets that appear critical to achieve these goals. ii/ This conference will then be followed by four 10-15 minute oral presentations by PhD students presenting their thesis results from various research teams within the aforementioned thematic program of BIOSPHERA. The future of dietary guidelines must go beyond traditional health guidelines, integrating climate change and sustainability considerations to promote human and planetary health. In the face of unprecedented environmental challenges, public health nutrition must become even more multidisciplinary to propose changes in diets that are better for many aspects of health but also minimize the environmental footprints. This includes promoting plant-based diets, reducing food waste, and fostering local and sustainable food systems. While key drivers have been identified, ongoing and future research will aim to better characterize the brakes and levers for the transition and the optimal pathways of rapid change for our food system to deliver sustainable diets. In the years to come, dietary guidelines will need to reflect these interconnected issues, proposing strategies that address food security, reduce environmental footprints, and support resilient food systems. By aligning nutritional goals with environmental sustainability, we can shape a healthier and more equitable future.

LISTE DES INTERVENANTS

MANAGER

D. ROUSSEAU-RALLIARD

CHAIR(S)

D. ROUSSEAU-RALLIARD

11:15 - 11:45

NUTRITION & HEALTH- SHAPING SUSTAINABLE FOOD SYSTEMS FOR FUTURE GENERATIONS

F. MARIOTTI

11:45 - 12:15

NUTRITION & HEALTH- SHAPING SUSTAINABLE FOOD SYSTEMS FOR FUTURE GENERATIONS

A. SAINT-EVE

Thursday August 28th

11:15 - 12:45

ADVANCING PERSONALIZED NUTRITION- LEVERAGING TECHNOLOGY AND BEHAVIORAL SCIENCE FOR IMPROVED HEALTH OUTCOMES

SY129

SCIENTIFIC SYMPOSIUM

Room 241



DESCRIPTION

We propose to have three speakers and an introduction and a wrap-up by the chairs. The first presentation is titled “Current scientific evidence and barriers to translating personalized nutrition evidence to consumers” by Hannah Holscher, followed by “How can an app enhance the adoption of personalized nutrition: Example of InsideTracker” by Gil Blander, and “Implementing behavioral change theories into technology to support user success” by Sophie Attwood. 1) Understand current scientific advances in personalized nutrition (PN) approaches and barriers to translation; 2) Evaluate emerging technologies and digital solutions that facilitate the scalable delivery of PN recommendations, focusing on user experience; and 3) Learn about effective behavioral change strategies that enhance adoption of PN advice and best practices for sustained engagement. Healthy diet and lifestyle behaviors support wellness and extended health span, and these are components of public health recommendations. However, most people do not adhere to these “1-size-fits-all” recommended dietary and physical activity guidelines. There is an increased interest in adopting personalized nutrition (PN) solutions for managing health. The EU-funded Food4Me study showed that compared with standardized healthy eating advice, participants receiving a web-based PN intervention had larger, sustained changes in eating behavior after 6 months, suggesting that accessible and PN can improve behavior. However, including phenotypic and/or genotypic information in developing PN advice had no added benefit. PN is at a crossroads. Current PN approaches have underperformed in clinical settings and some AI-based programs suffer from low customer retention. Advances in technology and remote testing enable large-scale data collection. Digital devices, such as phones and apps, that provide real-time measurements of blood pressure, blood glucose, and heart rate, are now widely available directly to consumers. The two biggest challenges are to understand how these factors interact and affect the ways in which individuals respond to diet and to provide this information to ensure that individual is ready, empowered, and willing to make behavior changes aligned with desired health outcomes. How do we simultaneously make the actions less complex than the data going into PN? Others have proposed to extend the current PN by creating adaptive PN advice systems by tailoring the type and timing of personalized advice to individual needs, capacities, and receptivity in real-life food environments. This is where technology, apps, and personalized behavior recommendations come in - they can provide timely feedback and actionable advice in a manner that works for the client.

LISTE DES INTERVENANTS

MANAGER

S. DONOVAN

CHAIR(S)

S. DONOVAN

11:15 - 11:35

CURRENT SCIENTIFIC EVIDENCE AND BARRIERS TO TRANSLATING PERSONALIZED NUTRITION EVIDENCE TO CONSUMERS

H. HOLSCHER

11:35 - 11:55

HOW CAN AN APP ENHANCE THE ADOPTION OF PERSONALIZED NUTRITION: EXAMPLE OF INSIDETRACKER

G. BLANDER

11:55 - 12:15

IMPLEMENTING BEHAVIORAL CHANGE THEORIES INTO TECHNOLOGY TO SUPPORT USER SUCCESS

S. ATTWOOD

12:15 - 12:35

ADVANCING PERSONALIZED NUTRITION- LEVERAGING TECHNOLOGY AND BEHAVIORAL SCIENCE FOR IMPROVED HEALTH OUTCOMES

S. SUNNIE

Friday August 29th

09:45 - 11:15

SWEET TASTE IN THE DIET- IMPLICATIONS FOR NUTRITION AND HEALTH

SY156

SCIENTIFIC SYMPOSIUM

Room 241



DESCRIPTION

People love sweetness, but do we love it too much for our health? Sugar intake has been a prominent topic in nutrition due to the increasing evidence associating free sugar intakes with poor health outcomes, and the WHO's subsequent recommendations to lower free sugar intake and to lower the intake of sweetness. To better understand relationships between dietary sweetness, sugar intake, and their effects on sweetness preferences, food consumption, and health, several long term randomized controlled trials have been conducted in children and in adults. During the proposed symposium, three international speakers will present the main results of high quality intervention trials. The presenters – coming from The Netherlands, United Kingdom and the United States - will approach this multifaceted topic from the behavioural, sensory, psychological and nutritional perspective. The objective of the symposium is to present and discuss recent findings on the causal relationships between dietary sweetness, sugar intake, and their effects on sweetness preferences, food consumption, and overall health. For a healthy diet, it is important that free sugar intake is reduced. The World Health Organization (WHO) recommends a reduction in daily intake of free sugars to less than 10% of total energy intake, with further reduction to less than 5% to provide additional health benefits. To facilitate this, general advice suggests lowering sweetness in the diet, starting early in life, to reduce preferences for sweet tastes, which would subsequently lead in a reduction of sugar intakes and improvement of health. However, the evidence for an association between sweetness in the diet and subsequent sweet taste preferences and increased sugar intakes is not clear. For example, it is not known whether exposure of diets high or low in sweetness result in a change in sweetness preference and sweet food intake. In other words, are we getting used to a lower sweetness level and therefore automatically choose less sweet tasting foods? Or are we choosing sweeter foods after a period of sweetness reduction? What happens if we give low sugar and sweetness foods in early childhood and teach parents about the dental health/consequences of eating too much free sugar? The proposed speakers will present and discuss recent findings and strive to answer these important questions on sweet taste in the diet and their implications for nutrition and health. The research presented by Prof. Mennella was supported by grant R01DC016616 from the National Institutes of Health, USA. The research presented by Prof. Appleton did not receive any external funding. The research presented by Mrs Čad is funded by a combination of Private and Public funding grant TKI grant AF17107.

LISTE DES INTERVENANTS

MANAGER

M. MARS

CHAIR(S)

M. MARS

09:45 - 10:03

TBC

K. APPLETON

10:03 - 10:21

TBC

K. DE GRAAF

10:21 - 10:39

TBC

Č. EVA

10:39 - 10:57

TBC

J.O.. FISHER,

10:57 - 11:15

TBC

J. MENNELLA

Friday August 29th

09:45 - 11:15

HEALTH, NUTRITION, AND THE ETHICS OF LEAVING NO CHILD BEHIND IN A WORLD SHAPED BY WARS AND CLIMATE CHANGE

TF6

TASK FORCE

Room 341



DESCRIPTION

For over a decade, the Task Force "Towards a Multidimensional Index for Child Growth" has pioneered a holistic approach to understanding child growth, moving beyond conventional anthropometric measures to encompass broader environmental, socio-economic, and political determinants. In an era marked by escalating conflict and climate instability, we face an urgent ethical imperative to ensure that no child is left behind in the pursuit of health and development. This symposium will present cutting-edge research and strategies for a resilient, justice-oriented approach to child nutrition and growth, grounded in the realities of a changing world. 1. To present a multidimensional model for child growth that addresses the complex interplay of nutrition, environmental stressors, and socio-political factors. 2. To showcase innovative methodologies, including climate-adaptive nutrition interventions, micronutrient supplementation, and machine-learning-based vulnerability mapping. 3. To advocate for an ethical framework that prioritizes the most vulnerable children globally, using an epistemic justice lens to inform policy and interdisciplinary collaboration. Traditional approaches to child growth—focused only on weight and height—are insufficient for addressing the nuanced needs of children facing multifaceted crises. Our research in Tanzania, Bangladesh, and through the Young Lives Survey in Ethiopia, Peru, Vietnam, and India has demonstrated the power of a multidimensional approach. As climate change and political instability reshape the global landscape, children's nutrition faces unprecedented challenges. In regions affected by droughts, floods, and crop failures, access to essential nutrients—such as protein, iron, iodine, and vitamins A and D—will be increasingly scarce, impacting growth, immunity, and cognitive development. Additionally, the physical and psychological stress of war and displacement often leads to malnutrition, stunting, and long-term health deficits. As the next years bring unprecedented challenges from climate change, political instability, and resource scarcity, this symposium will explore how resilient, locally adapted, and evidence-based nutrition-sensitive strategies can safeguard the health and nutrition through the life cycle of the world's most vulnerable children.

LISTE DES INTERVENANTS

MANAGER

R. GONZALES MARTINEZ

CHAIR(S)

R. GONZALES MARTINEZ

09:45 - 10:15

TBC

B. CHAKRABORTY

10:15 - 10:45

TBC

H. HAISMA

EPO5 - PUBLIC HEALTH AND NUTRITION THROUGHOUT LIFE CYCLE

EPO5

E-POSTERS

E-poster station



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Tuesday August 26th

19:30 - 23:30

SPEAKERS' COCKTAIL

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