



WAC 2019

World Allergy Congress
Update your knowledge!

DECEMBER 12-14, 2019
Lyon, France

PROGRAM

www.wac2019-allergy.com



8:15 am	Welcome words Amphithéâtre (Level 0)			
8:30 - 10:00 am	Pathways leading to atopic diseases and atopic multimorbidity <i>Chairs: Ignacio Ansotegui (Spain), Pascal Demoly (France)</i> Amphithéâtre (Level 0)			
8:30 - 9:00 am	New risk loci associated with atopic multimorbidity <i>Florence DEMENAIS (France)</i>			
9:00 - 9:30 am	Atopic phenotypes and their implication in the atopic march <i>Adnan CUSTOVIC (UK)</i>			
9:30 - 10:00 am	Mechanisms underlying allergy and asthma at a molecular level: results from MedALL studies <i>Erik MELEN (Sweden)</i>			
10:00 - 10:30 am	Coffee-Break and poster sessions + visit of the exhibit area ☕			
10:30 - 12:00 pm	PARALLEL SESSIONS			
	Allergy diagnosis Amphithéâtre (Level 0)	Updates In Food Allergy Forum 4 (Level -2)	Environmental Allergies Forum 5 (Level -2)	Sister Society Symposium: EAACI Salon Prestige Gratte-ciel (Level 2)
10:30 - 12:00 pm	Allergy diagnosis <i>Chairs: Ignacio Ansotegui (Spain), Joana Vitte (France)</i>			
	10:30 - 10:50 am Latest updates on allergy diagnosis <i>Ignacio ANSOTEGUI (Spain)</i>			
	10:50 OC 1 JM Molecular allergy to <i>Aspergillus fumigatus</i> in distinguished diagnosis between allergic bronchopulmonary aspergillosis and <i>Aspergillus fumigatus</i> -sensitized asthma in a Southern Chinese Cohort <i>Wenting Luo - The First Affiliated Hospital of Guangzhou Medical University – Guangzhou, China</i>			
	11:04 OC 2 Novel method for assessing basophil activation by measuring altered expression of membrane-bound and intracellular basogranulin stores <i>Mohammad Alzahrani - Al-Baha University - Saudi Arabia</i>			
	11:18 OC 3 Protein microarrays: The future of allergy diagnosis? Optimization of coating and printing of allergen arrays used with fluorescent humanised basophil reporter cell line NFAT-DsRed RBL <i>Marina Kalli - University of Nottingham, United Kingdom</i>			
	11:32 OC 4 RNA sequencing profiling potential biomarkers for nut allergy <i>Khui Hung Lee, Curtin University of Technology, Bentley, Western Australia</i>			
	11:46 OC5 JM BAT with molecular allergens of <i>Aspergillus</i> spp.: from extract to molecules to enhance diagnosis of allergic broncho-pulmonary aspergillosis <i>Moise Michel - Aix-Marseille University</i>			
10:30 - 12:00 pm	Updates In Food Allergy <i>Chair: Kirsten Beyer (Germany)</i>			
	10:30 - 10:50 am Food allergy prevention <i>Kirsten BEYER (Germany)</i>			



10:50 **OC 6** **JM**

The impact of cow's milk allergy in infants with failure to thrive: Experience from an Italian Referral Center

Lucia Diaferio - Aldo Moro University of Bari - Bari, Italy

11:04 **OC 7** **JM**

Analysis of 10 cases of food protein-induced enterocolitis syndrome due to hen's egg

Makoto Nishino - Department of Pediatrics, NHO Sagamihara National Hospital - Sagamihara, Japan

11:18 **OC 8**

The presence of both hen's egg Ovalbumin allergen and Ovalbumin specific Immunoglobulin in breastmilk is associated with decreased risk of egg allergy in infants

Vera Verhasselt - University of Western Australia, Australia

11:32 **OC 9**

Toll-like receptor signaling has inverted U-shaped response over time with the Western environment

Jing Guo - Curtin University - Australia

11:46 **OC 10**

Polyallergy/peanuts and nuts sensitization regarding 23 very young children

Chloé Brocart - Reims University Hospital, France

10:30 - 12:00 pm

Environmental Allergies

Chairs: Frédéric De Blay (France), Mario Sanchez Borges (Venezuela)

10:30 - 10:50 am

New pathways in environmental allergies

Frédéric DE BLAY (France)

10:50 **OC 11** **JM**

Characterization of the allergenic properties of a pi-class glutathione transferase from *Ascaris suum*

Ana Lozano - Institute for Immunological Research, University of Cartagena - Cartagena, Colombia

11:04 **OC 12** **JM**

Identification of a new, no cross-reacting allergen from *Ascaris lumbricoides*

Josefina Zakzuk - University of Cartagena - Colombia

11:18 **OC 13**

Association of air pollution with severe ocular allergic inflammatory diseases

Dai Miyazaki, - Tottori University, Japan

11:32 **OC 14**

Climate change impact on pollen concentrations and air pollution

Mikhail Sofiev - Finnish Meteorological Institute, Finland

11:46 **OC 15**

The antigenicity and safety of transgenic rice seeds which contain genetically modified Japanese cedar pollen allergens

Shinya Takaishi - Department of Otorhinolaryngology, Jikei University School of Medicine, Japan

10:30 - 12:00 pm

Sister Society Symposium: EAACI

Immune modulation - a highway to discovery science

Chairs:

10:30

Allergen Immunotherapy back to the future

Marek Jutel

11:00

Biologicals: the future is now

Ioana Agache (Romania)



	Sister Society Symposium: EAACI (continued)		
11:30	Perspectives of immunomodulatory peptides <i>Mohamed Shamji</i>		
12:15-1:30 pm	Industry sponsored symposia (non CME accredited)		
	Symposium Lunch 1 - p.18 ALK Forum 4 (Level -2)	Symposium Lunch 2 - p.18 STALLERGENES GREER Amphithéâtre (Level 0)	Symposium Lunch 3 - p.18 ASTRAZENECA Forum 5 (Level -2)
	1:30 - 2:30 pm Sister Society Symposium: PAN-ARAB Chronic Cough in Non-Asthmatics: Look Up! <i>Chairs: Maryam Yousuf Al-Nesf (Qatar), Lubna HwejeH (France)</i> Salon Prestige Gratte-ciel (Level 2)		1:45 - 2:30 pm Coffee-Break and poster sessions + visit of the exhibit area 
1:30 pm	Causes and Evaluation of Chronic Cough <i>Sami Bahna (USA)</i>		
1:50 pm	The Rhinologist's Approach to Chronic Cough <i>Phillip Rouadi (Lebanon)</i>		
2:10 pm	Laryngeal Allergy: The Alternative Diagnosis to Laryngoesophageal Reflux <i>Fares Zaitoun (Lebanon)</i>		
2:30 - 4:00 pm	ILC2 and asthma: what's new? <i>Chairs: Anne Tscopoulos (France)</i>		Amphithéâtre (Level 0)
2:30 - 3:00 pm	ILC2 and severe asthma <i>Anne TSICOPOULOS (France)</i>		
3:00 - 3:30 pm	Neuro immune crosstalk in allergic lung inflammation <i>Vijay KUCHROO (USA)</i>		
3:30 - 4:00 pm	Negative regulators of ILC2 in asthma <i>Jenny MJÖSBERG (Sweden)</i>		
4:00 - 4:30 pm	Coffee-Break and poster sessions + visit of the exhibit area 		





4:30 - 6:00 pm	PARALLEL SESSIONS			
	Origins of asthma Forum 4 (Level -2)	Pediatric Allergy Forum 5 (Level -2)	Allergen immunotherapy Amphithéâtre (Level 0)	Sister Society Symposium: TNSACI Salon Prestige Gratte-ciel (Level 2)

4:30 - 6:00 pm **Origins of asthma**
Chairs: Luis Caraballo (Colombia), Cécile Chenivesse (France)

4:30 - 4:50 pm
Origins of asthma - genesis
Luis CARABALLO (Colombia)

4:50 **OC 16** **JM**
Antibiotic use in the first year of life as a risk factor for asthma symptoms. What is new in the association?
Estefanía Vasquez-Echeverri - Hospital Infantil de México Federico Gomez, Mexico City, Mexico

5:04 **OC 17** **JM**
Metabolic risk profile and risk of future asthma: a nationwide cohort study
Dong Keon Yon- CHA Bundang Medical Center, Seongnam - South Korea

5:18 **OC 18**
Gene signatures of responders vs. non-responders to inhaled endotoxin challenge
David Peden - University of North Carolina - United States

5:32 **OC 19**
We are what we experienced before birth: Lessons from Epigenetics
Saskia Trump - Universitätsmedizin Berlin and Berlin Institute of Health - Germany

5:46 **OC 20**
Sensitisation patterns to allergen molecules in childhood and associations with allergic morbidity at age 8 years in the PARIS birth cohort
Mélissa Berroua - Université Paris Descartes, Faculté de Pharmacie de Paris, France

4:30 - 6:00 pm **Pediatric Allergy**
Chairs: Jean-Christoph Caubet (Switzerland), Anca Mirela Chiriac (France)

4:30 - 4:50 pm
Latest updates on pediatric drug allergy
Jean-Christoph CAUBET (Switzerland)

4:50 **OC 21**
There are still gaps in the pre-hospital and hospital management of anaphylaxis in children
Guillaume Pouessel - Pediatric department - France

5:04 **OC 22**
Mutation of NLRC4 in patients affected by severe FPIES reactions to multiple foods
Valentina Pecora - Children's Hospital Bambino Gesù - Italy

5:18 **OC 23**
Changes of allergic disease prevalence at the age of 5 years with a 12-year interval
Chizuko Sugizaki - Sagami National Hospital - Japan

5:32 **OC 24**
Safety and cost effectiveness of direct supervised ambulatory drug provocation tests in children with mild non-immediate reactions to beta-lactams
Guillaume Lezmi - AP-HP, Hôpital Necker-Enfants Malades, Service de Pneumologie et Allergologie Pédiatriques, France



	<p>Pediatric Allergy (continued)</p>
	<p>5:46 OC25 Safety of Yellow Fever Vaccine Administration in Confirmed Egg-Allergic Patients <i>Clarissa Morais Busatto Gerhardt - Allergy and Immunology Division - Department of Pediatrics, Faculdade de Medicina, Universidade de São Paulo, Brazil</i></p>
4:30 - 6:00 pm	<p>Allergen Immunotherapy <i>Chairs: Moises Calderon (UK), Davide Caimmi (France)</i></p>
	<p>4:30 - 4:50 pm Latest updates on allergen immunotherapy <i>Moises CALDERON (UK)</i></p>
	<p>4:50 OC 26 JM The impact of a Clinical Decision Support System on allergen immunotherapy prescription in children and adults with seasonal allergic rhinitis <i>Stefania Arasi - Bambino Gesù Children's Hospital, IRCCS - Roma, Italy</i></p>
	<p>5:04 OC 27 Basophil activation test is a useful tool for Hymenoptera venom immunotherapy follow-up <i>Pascale Nicaise Roland - Bichat hospital, Immunology - France</i></p>
	<p>5:18 OC 28 Specific IgG4/IgE response after rapid desensitization to low-dose oral immunotherapy with adjunct omalizumab in multi-food allergic patients <i>Sayantani Sindher - Stanford University - United States</i></p>
	<p>5:32 OC 29 Pharmacoeconomics of allergy immunotherapy versus pharmacotherapy <i>Linda Cox - University of Miami - United States</i></p>
	<p>5:46 OC 30 Gp-ASIT+™ phase III efficacy and safety study: methodology and preliminary safety results of a 3-week subcutaneous immunotherapy course of highly purified allergen fragments in patients with grass pollen-induced rhinoconjunctivitis (EudraCT number 2017-002911-33) <i>Olivier Pfaar - University Hospital Marburg, Philipps-Universität Marburg, Germany</i></p>
4:30 - 6:00 pm	<p>Sister Society Symposium: TNSACI Novel approaches in food allergy and immunodeficiencies: from bench to bedside <i>Chairs: Bulent E. Sekerel, Dilsad Mungan (Turkey)</i></p>
	<p>Stepwise oral egg challenge and predictive power of egg, ovomucoid sIgE in egg allergy <i>Motohiro Ebisawa (Japan)</i></p> <p>Stepwise oral milk challenge and predictive power of milk, casein sIgE in milk allergy <i>Cansin Sackesen</i></p> <p>Targeting complement in gut leakiness: A novel approach in protein-losing enteropathies <i>Ahmet Ozen</i></p>



6:00 pm	World Allergy Congress 2019 - Opening Ceremony <i>Ignacio Ansotegui (Spain), Annick Barbaud (France), Philippe Bonniaud (France), Pascal Demoly (France), Motohiro Ebisawa (Japan)</i>
	<ul style="list-style-type: none">- Welcome- 2018 Lifetime Achievement Award Recipient - <i>Jean Bousquet (France)</i> Anamorphosis in allergy phenotypes for change management- Discover Lyon and thanks Awards- 2019 Lifetime Achievement Award Recipient - <i>Stephen Holgate (UK)</i> Outdoor and indoor air pollution: Major environmental drivers of new and established asthma- Official Opening of the Congress
7:30 pm	Welcome Reception in the Exhibit Hall





8:00-9:00 am	Industry sponsored breakfast symposium (non CME accredited) Thermofisher - p.19			Forum 5 (Level -2)
9:00 - 10:30 am	Novel therapies in skin allergic diseases <i>Chairs: Marcus Maurer (Germany)</i>			Amphithéâtre (Level 0)
9:00 - 9:30 am	Small molecules in skin allergic diseases <i>Audrey NOSBAUM (France)</i>			
9:30 - 10:00 am	Biologics in chronic spontaneous urticaria <i>Marcus MAURER (Germany)</i>			
10:00 - 10:30 am	Biologics in atopic dermatitis <i>Thomas BIEBER (Germany)</i>			
10:30 - 11:00 am	Coffee-Break and poster sessions ☕ 📄 Meet and greet the authors at the Posters Area (Level -2)			
11:00 - 12:30 pm	PARALLEL SESSIONS			
	Severe Asthma Management Forum 4 (Level -2)	Food Allergy Amphithéâtre (Level 0)	Allergy Phenotypes Forum 5 (Level -2)	Sister Society Symposium: AAAAI Salon Prestige Gratte-ciel (Level 2)

11:00 - 12:30 pm	Severe Asthma Management <i>Chairs: Arnaud Bourdin (France), Giorgio Walter Canonica (Italy)</i>			
	11:00 - 11:20 am Latest updates on biomarkers and new therapeutics for severe asthma management <i>Arnaud BOURDIN (France)</i>			
	11:20 OC 31 JM Clinical-economic impact of mepolizumab in patients with severe hypereosinophilic asthma <i>Diego Bagnasco - University of Genoa - Genoa, Italy</i>			
	11:34 OC 32 JM Astonishing low adherence to inhaled therapy characterizes patients with severe asthma treated with biologics <i>Marco Caminati - Verona University Hospital, Verona - Italy</i>			
	11:48 OC 33 Efficacy of Mepolizumab in patients with previous Omalizumab treatment failure: real life observation <i>Giovanni Passalacqua - University of Genoa, Italy</i>			
	12:02 OC 34 Nasal polyps impact in severe asthma patients: evidences from the SANI <i>Giorgio Walter Canonica - Humanitas University, Italy</i>			
	12:16 OC 35 Biomarker reliability in the International Severe Asthma Network <i>Giorgio Walter Canonica - Humanitas University, Italy</i>			



11:00 - 12:30 pm

Food Allergy

Chairs: *Alessandro Fiocchi (Italy), Flore Amat (France)*

11:00 - 11:20 am

New strategies to fight food allergies

Alessandro FIOCCHI (Italy)

11:20 **OC 36** **JM**

Novel dosing strategy of omalizumab during multi-allergen oral-immunotherapy

Sayantani Sindher - Stanford University Stanford, CA, - USA

11:34 **OC 37** **JM**

Oral immunotherapy for peanut allergy: a systematic review and meta-analysis

Derek Chu - McMaster University, Hamilton - Canada

11:48 **OC 38**

IgE Immunoapheresis for Treatment of Pediatric Patients with Severe Asthma and Multiple Food Anaphylaxis: a Pilot Study

Alessandro Fiocchi - Bambino Gesù Children's Hospital, Italy

12:02 **OC 39** **JM**

A safe and effective protocol for peanut oral immunotherapy

Sophie Carra - CHU Montpellier, France

12:16 **OC 40**

A randomized study assessing safety and efficacy of etokimab monotherapy in peanut allergic participants

Sayantani Sindher - Stanford University, United States

11:00 - 12:30 pm

Allergy Phenotypes

Chair: *Jocelyne Just (France), Victoria Cardona (Spain)*

11:00 - 11:20 am

Latest updates in multiple organ allergy involvement

Jocelyne JUST (France)

11:20 **OC 41**11:34 **OC 42**

Atopy phenotypes in relation to childhood asthma persistence

Helena Pite - Allergy Center, CUF Descobertas Hospital, CUF Infante Santo Hospital - Portugal

11:48 **OC 43**

Pollen food associated syndrome: the newly described Gibberellin Regulated Protein family

Pascal Poncet - Institut Pasteur, France

12:02 **OC 44**

Evolution of the allergic sensitization profile in children from the PARIS birth cohort

Moise Michel - Hôpitaux Universitaires Paris Nord Val de Seine, France

12:16 **OC 45**

Early-life sensitization to house dust mites

You Hoon Jeon - Hallym University Dongtan Sacred Heart Hospita, Republic of Corea

11:00 - 12:30 pm	Sister Society Symposium: AAAAI Updates on Anaphylaxis – Controversies and Clarifications from the 2020 JTFPP Anaphylaxis Guideline <i>Chairs: Lanny Rosenwasser (USA)</i>			
	Perioperative anaphylaxis - reconciling differences between observations in Europe vs. USA <i>David Lang (USA)</i> Revised recommendations for pretreatment with antihistamine and corticosteroid <i>John Oppenheimer (USA)</i> Risk factors for biphasic anaphylaxis <i>David Khan (USA)</i>			
12:45-2:00 pm	Industry sponsored symposia (non CME accredited)			
	Symposium Lunch 4 - p.19 MSD Forum 4 (Level -2)	Symposium Lunch 5 - p.20 ABBVIE Forum 5 (Level -2)	Symposium Lunch 6 - p.20 SANOFI Amphithéâtre (Level 0)	
	2:00 - 3:00 pm House of delegates meeting <i>By invitation only</i> Salon Prestige Gratte-ciel (Level 2)	2:15 - 3:00 pm Coffee-Break and poster sessions ☕ 📄 Meet and greet the authors at the Posters Area (Level -2)		
3:00 - 4:30 pm	PARALLEL SESSIONS			
3:00 - 4:30 pm	Drug hypersensitivity: a need for consensus <i>Chairs: Pascal Demoly (France), Mario Sanchez Borges (Venezuela)</i> Amphithéâtre (Level 0)	World Allergy Forum: Advances and Critical Issues in Asthma <i>Chairs:</i> Forum 5 (Level -2)		
	Delayed allergic reactions <i>Annick BARBAUD (France)</i> Betalactam antibiotics <i>Maria TORRES (Spain)</i> Radio contrast media <i>Mario SANCHEZ BORGES (Venezuela)</i>	Mechanisms of allergen-induced asthma <i>Luis CARABALLO (Colombia)</i> Overuse of corticosteroids in asthma <i>Giorgio Walter CANONICA (Italy)</i> Biological treatments in asthma <i>Eugene R. BLEECKER (USA)</i>		
4:30 - 5:00 pm	Coffee-Break and poster sessions ☕ 📄 Meet and greet the authors at the Posters Area (Level -2)			
5:00 - 6:30 pm	PARALLEL SESSIONS			
	Food Allergy Amphithéâtre (Level 0)	Drug Allergy Forum 4 (Level -2)	Anaphylaxis Forum 5 (Level -2)	Sister Society Symposium: ACAA Salon Prestige Gratte-ciel (Level 2)
5:00 - 6:30 pm	Food Allergy <i>Chair: Motohiro Ebisawa (Japan), Jean-Luc Fauquert (France)</i>			
	5:00 - 5:20 pm Food allergy diagnosis and management <i>Motohiro EBISAWA (Japan)</i> 5:20 OC 46 JM Anaphylaxis caused by lipid transfer proteins: an emerging and unsettling syndrome <i>Filipe Benito-Garcia - CUF Descobertas Hospital, Lisbon, Portugal</i>			

5:34 **OC 47** **JM**

Randomized controlled trial of oral immunotherapy for children with severe cow's milk allergy: heated milk vs. unheated milk

*Ken-ichi Nagakura - National Hospital Organization Sagami National Hospital, Kanagawa, Japan*5:48 **OC 48**

Ara h 6-specific IgE is a good predictor of peanut allergy in Japanese children

*Sakura Sato - National Hospital Organization Sagami National Hospital, Japan*6:02 **OC 49**highlighting of allergens found in edible crickets (*ornithochris turbida cavroisi*) from Niger using 2D western blot*Tahirou Hamidou - Lamordé hospital of Niamey, Niger*6:16 **OC 50**

Advances in alpha gal allergy

Michael Levin - University of Cape Town, South Africa

5:00 - 6:30 pm

Drug Allergy*Chairs: Victoria Cardona (Spain), Audrey Nosbaum (France)*

5:00 - 5:20 pm

Profiling reactions to chemotherapy and biologics*Victoria CARDONA (Spain)*5:20 **OC 51**

Tolerance of Iodixanol, a nonionic, isosmolar contrast agent in case of immediate hypersensitivity reactions to radiocontrast media

*Hélène Mascitti - Allergy Service, Tenon Hospital, AP-HP, Paris-Sorbonne University, France*5:34 **OC 52**

Immediate hypersensitivity to iodinated contrast media: interest of intravenous challenge test with low dose in addition of skin-testing

*Sébastien Lefevre - Metz Regional Hospital, France*5:48 **OC 53**

A review of adverse reactions to gadolinium contrasts (MRI) in the last 10 years

*Maria Teresa Audicana Berasategui - HUA Araba Allergy Department Osakidetza, Spain*6:02 **OC 54** **JM**

Designing a combined intervention for urgent betalactam administration in patients with a suspicion of penicillin allergy

*Omar Al Ali - Department of Pulmonology, Division of Allergy, Hôpital Arnaud de Villeneuve, University Hospital of Montpellier, France*6:16 **OC 55** **JM**

Analyzing the trends of drug allergy testing over two decades from the Drug Allergy and Hypersensitivity Database

Witchaya Srisuwatchari - University Hospital of Montpellier, France

5:00 - 6:30 pm

Anaphylaxis*Chair: Luciana Kase Tanno (France)*

5:00 - 5:20 pm

New approaches in anaphylaxis management*Luciana KASE TANNO (France)*5:20 **OC 56** **JM**

Anaphylaxis in primary care: Systematic review to support quality of management and optimization of healthcare pathways

Myriam Mamodaly - Montpellier University Hospital, Montpellier, France



Anaphylaxis (continued)

5:34 **OC 57** **JM**

An Audit on Schools' Policy Regarding Emergency Adrenaline Auto-Injector Use and Provision of Spare Pens in the East and North Hertfordshire Region of the UK

Michael Ha - Lister Hospital, Stevenage, UK

5:48 **OC 58**

The distribution of diagnoses of anaphylactic syndromes in the search for idiopathic anaphylaxis over a 15 years period at an academic medical center

Paul Greenberger - Northwestern University Feinberg School of Medicine, United States

6:02 **OC 59**

Food-induced anaphylaxis phenotype in infancy: a retrospective analysis

Guillaume Pouessel - Department of pediatrics, France

6:16 **OC 60**

Analysis of tryptase prescription in a teaching hospital

Moise Michel - Aix-Marseille University, France

5:00 - 6:30 pm

Sister Society Symposium: ACAAI

Emerging Topics in Allergy

Chairs: Bryan Martin (USA)

Vaping: What We Need to Know

Todd Mahr

Physician Burnout & Wellness-Saving the Allergist

Michael Blaiss (USA)

New Biologic Therapies for Severe Asthma: Does it Help to Block Cytokines?

Stan Fineman (USA)



8:30 - 10:00 am **Climate change, air pollution and health impact of airborne biological particles** Amphithéâtre (Level 0)
Chairs: Gennaro D'Amato (Italy)

8:30 - 9:00 am **Climate change and its direct and indirect effects on the allergy epidemic**
Isabella ANNESI-MAESANO (France)

9:00 - 9:30 am **Climate change: consequences on pollination and sporilation**
Jeroen BUTERS (Germany)

9:30 - 10:00 am **Thunderstorm asthma, not only pollens but also mold**
Gennaro D'AMATO (Italy)

10:00 - 10:30 am Coffee-Break and poster sessions + visit of the exhibit area 

10:30 - 12:00 pm PARALLEL SESSIONS			
Drug Allergy	Upper Respiratory Tract Allergies	Asthma Biology	Sister Society Symposium: JSA
Amphithéâtre (Level 0)	Forum 4 (Level -2)	Forum 5 (Level -2)	Salon Prestige Gratte-ciel (Level 2)

10:30 - 12:00 pm **Drug Allergy**
Chairs: Pascal Demoly (France), Audrey Nosbaum (France)

10:30 - 10:50 am

Beta-lactam allergy: provocative or predictive model

Pascal DEMOLY (France)

10:50 **OC 61** **JM**

Incidence of and risk factors for perioperative and periprocedural anaphylaxis in the United States

Alexei Gonzalez-Estrada - Mayo Clinic, Jacksonville, FL, USA

11:04 **OC 62** **JM**

Drug allergy in primary care: systematic review to support quality of management and optimization of healthcare pathways

Clara Gaudin - Montpellier, University Hospital, Montpellier, France

11:18 **OC 63**

Desensitization to penicillin is safe and effective in allergic pregnant women with syphilis

Pedro Giavina Bianchi - Universidade de São Paulo, Brazil

11:32 **OC 64**

NMBA-specific memory T cell quantification by CD154 expression in anaphylaxis diagnosis

Luc de Chaisemartin- Bichat Hospital, Immunology, France

11:46 **OC 65**

Genetic risk markers of carbamazepine-induced severe cutaneous adverse reactions: new candidates in Koreans

Hye-Ryun Kang - Seoul National University Hospital, Republic of Korea

10:30 - 12:00 pm **Upper Respiratory Tract Allergies**
Chair: Philippe Gevaert (Belgium)

10:30 - 10:50 pm

Latest updates on upper respiratory tract allergies

Philippe GEVAERT (Belgium)

10:50 **OC 66** **JM**

Phenotypes of allergic rhinitis: the application of stratified and personalized medicine in the rhinitis field

Irina Shchurok - Novicaou, Vitebsk, Belarus

11:04 **OC 67** **JM**

What did the doctor say? Patients' comprehension of allergy consultations in a French university hospital

Marcin Trzmielewski - Montpellier University Hospital, Montpellier, France

Upper Respiratory Tract Allergies (continued)

11:18 **OC 68**

Dupilumab Improves Upper and Lower Airway Outcome Measures in Patients With CRSwNP With NSAID-ERD: Pooled Results From the SINUS-24 and SINUS-52 Phase 3 Trials

Giorgio Walter Canonica - Humanitas University, Italy

11:32 **OC 69**

Evaluation of Chinese medicine- Kampo for allergic rhinitis induce by pollen, using an environmental challenge chamber

Yoshitaka Okamoto - Chiba University, Japan

11:46 **OC 70**

Adequacy of symptom control drives health-related quality of life in children with allergic rhinitis: Australian observational data

Michael Abramson - Monash University, Victoria, Australia

10:30 - 12:00 pm

Asthma Biology

Chairs: Helena Catharine Aegerter (Belgium)

10:30 - 10:50 am

Understanding the pathophysiology of asthma

Helena Catharine AEGERTER (Belgium)

10:50 **OC 71** **JM**

The role of polyprenol in overcoming steroid insensitivity in asthma

Ivans Sergejs Kuznecovs - Public Health Research Laboratory, Riga, Latvia

11:04 **OC 72** **JM**

To study the role of T regulatory cells in developing asthma in a birth cohort of babies with family history of allergies

Amit Agarwal - Postgraduate Institute of Medical education and Research, Chandigarh, India

11:18 **OC 73** **JM**

ADAM33 in Bulgarian children with severe asthma

Polina Shahid - Medical University, Sofia, Bulgaria

11:32 **OC 74**

Regulatory and Angiogenic Novel B cell Subsets

Mübeccel Akdis - Swiss Institute of Allergy and Asthma Research (SIAF), Switzerland

11:46 **OC 75**

IL-17-producing Mucosal-Associated Invariant T (MAIT) cells are associated with worsening of symptoms in children with severe asthma

Maria Leite-de-Morales - Paris Descartes University Sorbonne Paris Cité, France

10:30 - 12:00 pm

Sister Society Symposium: JSA

Immunology of Barrier Surfaces

Chairs: Motohiro Ebisawa (Japan), Ignacio Ansotegui (Spain)

Dynamic homeostasis of epidermal sensory nerves and its breakdown caused by barrier dysfunction

Takaharu Okada (Japan)

Bringing mucosal mast cells over to our side to overcome allergy

Yosuke Kurashima

Human type 2 innate lymphoid cells disrupt skin keratinocyte tight junction barrier by IL-13

Kazunari Sugita



12:00 - 1:30 pm	PARALLEL SESSIONS			
	Mechanisms of Allergy Forum 4 (Level -2)	Microbiota and Allergy Forum 5 (Level -2)	Urticaria and Atopic Dermatitis Amphithéâtre (Level 0)	Sister Society Symposium: SLai Salon Prestige Gratte-ciel (Level 2)

12:00 - 1:30 pm **Mechanisms of Allergy**
Chair: Erika Jensen-Jarolim (Austria)

- 12:00 - 12:20 pm
Cross talk between allergic responses
Erika JENSEN-JAROLIM (Austria)
- 12:20 **OC 76**
A novel mechanism of IgE regulation by IgE-allergen complexes via CD23
Monique Vogel - University of Bern, Switzerland
- 12:34 **OC 77**
Optimal TH2A effector function requires local epithelial cytokine signaling
Erik Wambre - Benaroya Research Institute, United States
- 12:48 **OC 78**
TGM2+ IFN-gamma secreting circulating innate lymphoid cell precursors (ILCPs) are enhanced in children with celiac disease
Giuseppe Ercolano - Department of Oncology UNIL CHUV and Ludwig Institute for Cancer Research, University of Lausanne, Switzerland
- 1:02 **OC 79**
miR103a-3p in exosomes derived from human mast cells (MCs) following aggregation of FcεRI enhances IL-5 production from IL-33-stimulated type2 innate lymphoid cells (ILC2) via silencing protein arginine methyltransferase (PRMT)
Yoshimichi Okayama - Nihon University School of Medicine, Japan
- 1:16 **OC 80**
Molecular diagnosis of skin allergy
Marine-Alexia Lefevre - Centre International de Recherche en Infectiologie (CIRI), France

12:00 - 1:30 pm **Microbiota and Allergy**
Chairs: Harald Renz (Germany), Luis Caraballo (Colombia)

- 12:00 - 12:20 pm
Latest updates on microbiota and allergy interactions
Harald RENZ (Germany)
- 12:20 **OC 81**
The early life trajectory of infant gut microbiota and atopic asthma at 10 years-of-age in a US birth cohort
Christine Johnson - Henry Ford Health System, USA
- 12:34 **OC 82**
Circulating neutrophil and eosinophil extracellular traps are markers of severe asthma
Vanessa Granger - APHP, Hôpital Bichat, Immunology, France
- 12:48 **OC 83**
Circulating B cells upregulate antiviral response and carry viral particles after experimental rhinovirus infection of healthy and asthmatic subjects
Mübeccel Akdis - Swiss Institute of Allergy and Asthma Research (SIAF), Suisse
- 1:02 **OC 84**
Modern urbanization has re-shaped the bacterial microbiome profiles of house dust in domestic environments
Weidong Wu - School of Public Health, Xinxiang Medical University, China





Microbiota and Allergy (continued)

1:16 **OC 85**

Gut microbiota profile in infants with milk and/or egg allergy and evaluation of intestinal colonization and persistence of a probiotic mixture

Maurizio Mennini - Division of Allergy, Bambino Gesù Children's Hospital IRCCS, Italy

12:00 - 1:30 pm

Latest updates on spontaneous chronic urticaria

Chair: Angèle Soria (France)

12:00 - 12:20 pm

Latest updates on spontaneous chronic urticaria

Angèle SORIA (France)

12:20 **OC 86** **JM**

Supporting the optimization of health-care pathways of and reduction of the burden of urticaria to patients and society: a systematic review

Évangéline Clark - Montpellier University Hospital, Montpellier, France

12:34 **OC 87** **JM**

Dolichyl phosphate deficiency and polyphenol supplementation in the treatment of atopic dermatitis

Galina Kuznecova - Public Health Research Laboratory, Riga, Latvia

12:48 **OC 88**

Economic burden of chronic urticaria in Brazil: a one-year real life study

Priscilla Santos - Hospital Universitário Pedro Ernesto/Universidade do Estado do Rio de Janeiro, Brazil

1:02 **OC 89**

The presentation of papular urticaria is not associated to mosquito exposure or sensitization

Juan Lopez - Institute for Immunological Research, University of Cartagena, Colombia

1:16 **OC 90**

Eosinophil count, serum CCL17/18/26 and immunoglobulin E levels in atopic dermatitis: upadacitinib phase 2 study analysis

Emma Guttman-Yassky - Icahn School of Medicine at Mount Sinai, United States





12:00 - 1:30 pm	Sister Society Symposium: SLaaI <i>Chairs:</i>	
	Urticarial Vasculitis <i>Mario Sanchez Borges (Venezuela)</i> Atopic Dermatitis: cytokines and inflammation <i>Jose Antonio Ortega-Martell (Mexico)</i> Biologics in Pediatrics: Atopic Dermatitis <i>Herberto Chong</i>	
1:30 - 3:00 pm	PARALLEL SESSIONS	
	Sister Society Symposium: APAAACI Forum 4 (Level -2)	Sister Society Symposium: INTERASMA Forum 5 (Level -2)
1:30 - 3:00 pm	Sister Society Symposium: APAAACI Changing environment, risk factors and the Allergy Epidemic A major challenge in the Asia Pacific <i>Chairs: Ruby Pawankar (Japan), Luo Zhang (China)</i> Forum 4 (Level -2) Impact of O3 and autumn pollens on new allergic rhinitis sensitization and outpatient visits <i>Yuan Zhang (China)</i> Ambient CO2 concentration and increased risk of pollen allergy <i>Jae Won Oh (Korea)</i> Asian migration and allergy: Lessons from the Melbourne 2016 thunderstorm asthma event <i>Jason Fok (Australia)</i>	
1:30 - 3:00 pm	Sister Society Symposium: INTERASMA Current Considerations in Asthma Therapy <i>Chairs:</i> Forum 5 (Level -2) Eosinophilic Asthma- New Consideration in Pathophysiology and Treatment <i>Lawrence DuBuske</i> Dust Mites and Asthma- Immune Effects Beyond Allergy <i>Krzysztof Kowal</i> Genetic Polymorphisms in Asthma - Impact on Therapeutic Responses <i>Yuriy Bisyuk</i>	
3:00 pm	End of the conference	

THURSDAY, DECEMBER 12

12:15 - 1:30 pm



ALK Symposium Lunch 1

Forum 4 (Level -2)

Ragweed – keep the invader at bay

Chairs: David Bernstein (USA), Jean-François Nicolas (France)

The global burden of ragweed in Europe

Michelle Epstein (Austria)

Ragweed tablet: key clinical data

David Bernstein (USA)

The practical aspects of managing ragweed allergy with SLIT-T: Real world experience

Anne Ellis (Canada)



STALLERGENES GREER Symposium Lunch 2

Amphithéâtre (Level 0)

Efficient benefit of allergen immunotherapy in 2020

Chairs: Prof. Moises Calderon, Prof. Pascal Demoly

Childhood AR and Asthma and development patterns of lung function

Prof. A. Custovic

AIT- A prototype of Precision medicine and Real World Evidence

Prof. GW. Canonica

AIT and patient's benefit

Dr D. Caimmi

Discussion



ASTRAZENECA Symposium Lunch 3

Forum 5 (Level -2)

Innovation and perspectives in asthma management

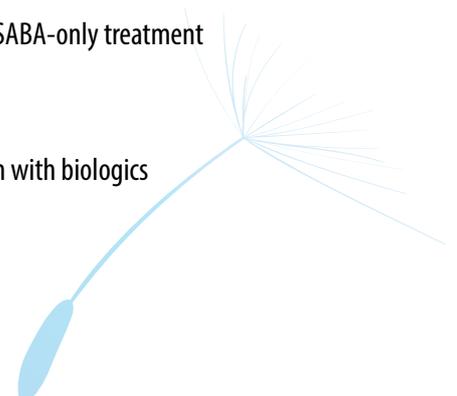
Chairs:

Anti-inflammatory reliever: moving away from SABA-only treatment

Eosinophils in asthma and allergy

Severe eosinophilic asthma: a targeted approach with biologics

Q&A and concluding remarks



FRIDAY, DECEMBER 13



8:00 - 9:00 am

Forum 5 (Level -2)

THERMOFISHER Breakfast symposium 1

Precision allergy molecular diagnosis application in the allergy clinic

Chair: Dr Magnus Borres (Sweden)

Forbidden fruit – know your allergens!

Dr Joana Vitte, France

Interpretation of molecular diagnostic tests in daily practice clinical cases

Dr Olga Luengo, Spain



12:45 - 2:00 pm

Forum 4 (Level -2)

MSD Symposium Lunch 4

The Emerging Science in Chronic Cough and Refractory Chronic Cough

Chair: Walter Canonica (Clinica Malattie Apparato Respiratorio, Genova, Italy)

Burden and Mechanism of Disease

Peter Dicpinigaitis, Albert Einstein (College of Medicine, New York, USA)

Considerations for the Diagnosis and Management of Patients

Michael Blaiss (Executive Medical Director American College of Allergy, Asthma & Immunology Illinois, USA)

Q&A

Closing Remarks

FRIDAY, DECEMBER 13

abbvie

12:45 - 2:00 pm

Forum 5 (Level -2)

ABBVIE Symposium Lunch 5

New horizons: Emerging possibilities in the management of atopic dermatitis

Chairs: Professor Dr. Torsten Zuberbier (Charité - University Medicine Berlin, Director of Allergy Research at the Department of Dermatology, Venereology and Allergology), Dr. Audrey Nosbaum (Director of the Eczema Expert Center and Deputy Head of the Allergy and Clinical Immunology Department, Lyon Sud University Hospital)

Introduction

Torsten Zuberbier

AD Treatment Landscape and unmet Needs – What we need to know

Torsten Zuberbier

Current understanding of the pathogenesis of AD

Audrey Nosbaum

Novel treatment approaches in AD

Torsten Zuberbier

Panel discussion



12:45 - 2:00 pm

Amphithéâtre (Level 0)

SANOFI Symposium Lunch 6

Impact of air pollution on Allergic Rhinitis: the clinical evidences

Chairs: Ignacio J. Ansotegui (Spain), Jean Bousquet (France)

Prevalence of Allergic Rhinitis

Ignacio J. Ansotegui (Spain)

Role of air pollution in Allergic Rhinitis symptoms exacerbation

Nelson Rosario (Brazil)

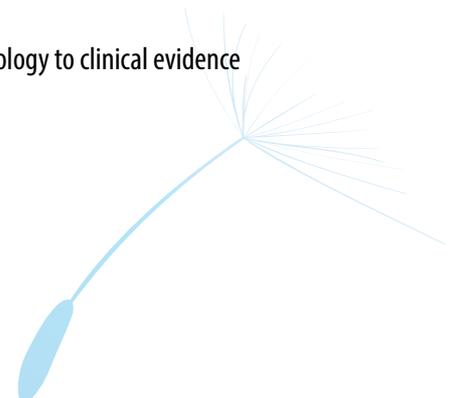
Management of Allergic Rhinitis Aggravated by Air pollution: An International Consensus

Robert M. Naclerio (USA)

Allergic Rhinitis and air pollution: from epidemiology to clinical evidence

Anne K. Ellis (Canada)

Q&A



Register now!



	EARLY BIRD REGISTRATION	REGISTRATION
WAO/SFA Members	450 €	575 €
Non Members	600 €	725 €
WAO Junior Members	300 €	350 €
Fellow in training Non Members	400 €	525 €
Interns, residents and other healthcare professionals (Nurses, physiotherapists, occupational therapists)	300 €	425 €
Industry representatives	825 €	925 €

Congress venue



LYON CONVENTION CENTER AT THE CITÉ INTERNATIONALE

50, Quai Charles de Gaulle - 69463 Lyon cedex 06 FRANCE

Quick and easy access:

- 10 minutes from the city center by public transport
- 12 minutes from Lyon Part Dieu train station
- Less than 30 minutes from Lyon Saint-Exupéry International Airport
- 15 minutes from Lyon-Bron Business Airport



WAC 2019 Secretariat C/O ANT Congres

2, rue Stanislas Digeon - 34000 Montpellier (France) - Phone: +33 4 67 10 92 23 - @ : wac2019@ant-congres.com