

# DECEMBER 12

8:15am

**Welcome word**

8:30-10am

**Pathways leading to atopic diseases and atopic multimorbidity**

- New risk loci associated with atopic multimorbidity Florence DEMENAI (France)
- Atopic phenotypes and their implication in the atopic march Adnan CUSTOVIC (UK)
- Mechanisms underlying allergy and asthma at a molecular level: results from MeDALL studies Erik MELEN (Sweden)

10-10:30am

Coffee-Break and poster sessions + visit of the exhibition area

10:30-10:50am

<b>Latest updates on allergy diagnosis</b> Ignacio ANSOTEGUI (Spain)	<b>Food allergy prevention</b> Kirsten BEYER (Germany)	<b>New pathways in environmental allergies</b> Frédéric DE BLAY (France)	<b>Sister Society symposia</b>
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10:50-12:00am

<p><b>OC 1:</b> 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 <u>Wenting Luo</u> - The First Affiliated Hospital of Guangzhou Medical University – Guangzhou, China <b>JM</b></p> <p><b>OC 2:</b> Novel method for assessing basophil activation by measuring altered expression of membrane-bound and intracellular basogranulin stores <u>Mohammad ALZHRANI</u> - Al-Baha</p>	<p><b>OC 6:</b> The impact of cow's milk allergy in infants with failure to thrive: Experience from an Italian Referral Center <u>Lucia Diaferio</u> - Aldo Moro University of Bari - Bari, Italy <b>JM</b></p> <p><b>OC 7:</b> Analysis of 10 cases of food protein-induced enterocolitis syndrome due to hen's egg <u>Makoto Nishino</u> - Department of Pediatrics, NHO Sagamihara National Hospital - Sagamihara, Japan <b>JM</b></p> <p><b>OC 8:</b> The presence of both hen's egg Ovalbumin allergen and Ovalbumin specific</p>	<p><b>OC 11:</b> Characterization of the allergenic properties of a pi-class glutathione transferase from <i>Ascaris suum</i> <u>Ana Lozano</u> - Institute for Immunologic al Research, University of Cartagena - Cartagena, Colombia <b>JM</b></p> <p><b>OC 12:</b> Identification of a new, no cross-reacting allergen from <i>Ascaris lumbricoides</i> <u>Josefina Zakzuk</u> - University of Cartagena – Colombia <b>JM</b></p> <p><b>OC 13:</b> Association of air pollution with severe ocular allergic inflammatory diseases,</p>	
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<p><i>University - Saudi Arabia</i>  <b>OC 3:</b> 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>  <b>OC 4:</b> RNA sequencing profiling potential biomarkers for nut allergy,  <i>Khui Hung LEE, Curtin University of Technology, Bentley, Western Australia</i>  <b>OC 5</b></p>	<p>Immunoglobulin in breastmilk is associated with decreased risk of egg allergy in infants,  <i>V. Verhasselt - University of Western Australia, Australia</i>  <b>OC 9:</b> Toll-like receptor signaling has inverted U-shaped response over time with the Western environment,  <i>J. Guon - Curtin University - Australia</i>  <b>OC 10</b></p>	<p><i>Dai MIYAZAKI, - Tottori University, Japan</i>  <b>OC 14:</b> Climate change impact on pollen concentrations and air pollution,  <i>Mikhail SOFIEV - Finnish Meteorological Institute, Finland</i>  <b>OC 15</b></p>	
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12:15-1:30pm

### Lunch symposia



ASTRAZENECA

1:45-2:30pm

Coffee-Break and poster sessions + visit of the exhibition area

2:30 – 4pm

### ILC2 and asthma: what's new?

- ILC2 and severe asthma Anne TSICOPOULOS (France)
- Neuro immune crosstalk in allergic lung inflammation Vijay KUCHROO (USA)
- Negative regulators of ILC2 in asthma Jenny MJÖSBERG (Sweden)

4-4:30pm

Coffee-Break and poster sessions + visit of the exhibition area

4:30-4:50pm

4:50-6pm

<b>Origins of asthma - genesis</b> Luis CARABALLO ( <i>Colombia</i> )	<b>Latest updates on pediatric drug allergy</b> Jean-Christoph CAUBET ( <i>Switzerland</i> )	<b>Latest updates on allergen immunotherapy</b> Moises CALDERON ( <i>UK</i> )	<b>Sister Society symposia</b>
<p><b>OC 16:</b> Antibiotic use in the first year of life as a risk factor for asthma symptoms. What is new in the association? <i>Estefanía Vasquez-Echeverri - Hospital Infantil de México Federico Gomez, Mexico City, Mexico JM</i></p> <p><b>OC 17:</b> Metabolic risk profile and risk of future asthma: a nationwide cohort study <i>Dong Keon Yon- CHA Bundang Medical Center, Seongnam - South Korea JM</i></p> <p><b>OC 18:</b> Gene signatures of responders vs. non-responders to inhaled endotoxin challenge, <i>David PEDEN - University of North Carolina - United States</i></p> <p><b>OC 19:</b> We are what we experienced before birth: Lessons from Epigenetics, <i>Saskia TRUMP, Universitätmedizin Berlin and Berlin Institute of Health - Germany</i></p> <p><b>OC 20</b></p>	<p><b>OC 21:</b> There are still gaps in the pre-hospital and hospital management of anaphylaxis in children, <i>G. Pouessel - Pediatric department - France</i></p> <p><b>OC 22:</b> Mutation of NLRC4 in patients affected by severe FPIES reactions to multiple foods, <i>Valentina PECORA - Children's Hospital Bambino Gesù - Italy</i></p> <p><b>OC 23:</b> Changes of allergic disease prevalence at the age of 5 years with a 12-year interval, <i>Chizuko SUGIZAKI - Sagamihara National Hospital - Japan</i></p> <p><b>OC 24</b></p> <p><b>OC 25</b></p>	<p><b>OC 26:</b> 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 JM</i></p> <p><b>OC 27:</b> Basophil activation test is a useful tool for Hymenoptera venom immunotherapy follow-up, <i>Pascale NICAISE ROLAND - Bichat hospital, Immunology - France</i></p> <p><b>OC 28:</b> 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><b>OC 29:</b> Pharmacoeconomics of allergy immunotherapy versus</p>	

pharmacotherapy,  
*Linda COX - University of Miami -  
United States*  
**OC 30**

6-7:30 pm

**WAC OPENING**

7:30-9:30 pm

**WELCOME RECEPTION**

## DECEMBER 13

8:00-9:00am

Breakfast Symposium: Thermofisher WAO MA Consensus

9:00-10:30am

**Novel therapies in skin allergic diseases**

- Small molecules in skin allergic diseases Audrey NOSBAUM (*France*)
- Biologicals in chronic spontaneous urticaria Marcus MAURER (*Germany*)
- Biologics in atopic dermatitis Thomas BIEBER (*Germany*)

10.30-11:00am

Coffee-Break and poster sessions + visit of the exhibition area

11:00-11:20am

**Latest updates on  
biomarkers and new  
therapeutics  
for severe asthma  
management**

Arnaud BOURDIN (*France*)

**New strategies to fight food  
allergies**

Alessandro FIOCCHI (*Italy*)

**Latest updates in multiple  
organ allergy involvement**

Jocelyne JUST (*France*)

**Sister Society symposia**

11:20-12:30am

**OC 31:** Clinical-economic impact  
of mepolizumab in patients with

**OC 36:** Novel dosing strategy of  
omalizumab during multi-

**OC 41:** Differences in allergen-  
positive reactivity distribution





severe hypereosinophilic asthma  
*Diego Bagnasco - University of Genoa - Genoa, Italy JM*

**OC 32:** Astonishing low adherence to inhaled therapy characterizes patients with severe asthma treated with biologics  
*Marco Caminati - Verona University Hospital, Verona - Italy JM*

**OC 33:** Efficacy of Mepolizumab in patients with previous Omalizumab treatment failure: real life observation,  
*G. Passalacqua - University of Genoa - Italy*

**OC 34**

**OC 35**

allergen oral-immunotherapy  
*Sayantani B. Sindher - Stanford University Stanford, CA, - USA JM*

**OC 37:** Oral immunotherapy for peanut allergy: a systematic review and meta-analysis  
*Derek Chu - McMaster University, Hamilton - Canada JM*

**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*

**OC 39**

**OC 40**

among adults and children in southern China: an investigation based on real-world medical big data,

*Haisheng HU - First Affiliated Hospital of Guangzhou Medical University - China*

**OC 42:** Atopy phenotypes in relation to childhood asthma persistence,  
*Helena PITE - Allergy Center, CUF Descobertas Hospital, CUF Infante Santo Hospital - Portugal*

**OC 43:** Pollen food associated syndrome: the newly described Gibberellin Regulated Protein family,  
*Pascal PONCET - Institut Pasteur, France*

**OC 44**

**OC 45**

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12.45-2:00pm

### Lunch symposia



2:15-3:00pm

Coffee-Break and poster sessions + visit of the exhibition area

3:00 – 4:30pm

**Drug hypersensitivity: a need for consensus**

- Delayed allergic reactions Annick BARBAUD (*France*)
- Betalactam antibiotics Maria TORRES (*Spain*)
- Radio contrast media Mario SANCHEZ BORGES (*Venezuela*)

**World Allergy Forum: Advances and Critical Issues in Asthma**

- Mechanisms of allergen-induced asthma Luis CARABALLO (*Colombia*)
- Overuse of corticosteroids in asthma Giorgio WALTER CANONICA, (*Italy*)
- Biological treatments in asthma Eugene R. BLEECKER, (*USA*)

4 :30-5:00pm

Coffee-Break and poster sessions + visit of the exhibition area



5:00-5:20pm

<b>Food allergy diagnosis and management</b> Motohiro EBISAWA ( <i>Japan</i> )	<b>Profiling reactions to chemotherapy and biologics</b> Victoria CARDONA ( <i>Spain</i> )	<b>New approaches in anaphylaxis management</b> Luciana KASE TANNO ( <i>France</i> )	<b>Sister Society symposia</b>
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5:20-6:30pm

<p><b>OC 46:</b> Anaphylaxis caused by lipid transfer proteins: an emerging and unsettling syndrome <a href="#">Filipe Benito-Garcia</a> - CUF Descobertas Hospital, Lisbon, Portugal <b>JM</b></p> <p><b>OC 47:</b> Randomized controlled trial of oral immunotherapy for children with severe cow's milk allergy: heated milk vs. unheated</p>	<p><b>OC 51:</b> Tolerance of Iodixanol, a nonionic, isosmolar contrast agent in case of immediate hypersensitivity reactions to radiocontrast media, <a href="#">Hélène Mascitti</a>- Allergy Service, Tenon Hospital, AP-HP, Paris-Sorbonne University, France</p> <p><b>OC 52:</b> Immediate hypersensitivity to iodinated contrast media: interest of</p>	<p><b>OC 56:</b> Anaphylaxis in primary care: Systematic review to support quality of management and optimization of healthcare pathways <a href="#">Myriam Mamodaly</a>- Montpellier University Hospital, Montpellier, France <b>JM</b></p> <p><b>OC 57:</b> An Audit on Schools' Policy Regarding Emergency</p>	
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milk  
*Ken-ichi Nagakura - National Hospital Organization Sagamihara National Hospital, Kanagawa, Japan*  
**JM**  
**OC 48:** Ara h 6-specific IgE is a good predictor of peanut allergy in Japanese children,  
*Sakura Sato - National Hospital Organization Sagamihara National Hospital, Japan*  
**OC 49:** highlighting of allergens found in edible crickets (*ornithachris turbida cavroisi*) from Niger using 2D western blot,  
*Tahirou Hamidou - Lamordé hospital of Niamey, Niger*  
**OC 50:** Advances in alpha gal allergy,  
*Michael Levin - University of Cape Town, South Africa*

intravenous challenge test with low dose in addition of skin-testing,  
*Sébastien Lefevre - Metz Regional Hospital, France*  
**OC 53:**  
**OC 54:**  
**OC 55:**

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* **JM**  
**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,  
*P. Greenberger - Northwestern University Feinberg School of Medicine, United States*  
**OC 59:** Food-induced anaphylaxis phenotype in infancy: a retrospective analysis,  
*G. Pouessel - Department of pediatrics, France*  
**OC 60**



8:00-9:00am

Breakfast symposium

9:00-10:30am

Climate change, air pollution and health impact of airborne biological particles

- Climate change and its direct and indirect effects on the allergy epidemic Isabella ANNESI-MAESANO (*France*)
- Climate change: consequences on pollination and sporulation Jeroen BUTERS (*Germany*)
- Thunderstorm asthma, not only pollens but also mold Gennaro D'AMATO (*Italy*)

10.30-11:00am

Coffee-Break and poster sessions + visit of the exhibition area

11:00-11:20am

**Latest updates in Drug Allergy**

Didier EBO (*Belgium*)

**Latest updates on upper respiratory tract allergies**

Philippe GEVAERT (*Belgium*)

**Understanding the pathophysiology of asthma**

Hamida HAMMAD (*Belgium*)

Sister Society symposia

11:20-12:30am

**OC 61:** Incidence of and risk factors for perioperative and periprocedural anaphylaxis in the United States

[Alexei Gonzalez-Estrada](#) - Mayo Clinic, Jacksonville, FL, USA **JM**

**OC 62:** Drug allergy in primary care: systematic review to support quality of management and optimization of healthcare pathways

[Clara Gaudin](#) - Montpellier, University Hospital, Montpellier, France **JM**

**OC 63:** Desensitization to penicillin is safe and effective in allergic pregnant women with syphilis,

**OC 66:** Phenotypes of allergic rhinitis: the application of stratified and personalized medicine in the rhinitis field

[Irina Shchurok](#) - Novicaou, Vitebsk, Belarus **JM**

**OC 67:** What did the doctor say? Patients' comprehension of allergy consultations in a French university hospital

[Marcin Trzmielewski](#) - Montpellier University Hospital, Montpellier, France **JM**

**OC 68:** Dupilumab Improves Upper and Lower Airway Outcome Measures in Patients With CRSwNP With NSAID-ERD:

**OC 71:** The role of polyprenol in overcoming steroid insensitivity in asthma

[Ivans Sergejs\\_Kuznecovs](#) - Public Health Research Laboratory, Riga, Latvia **JM**

**OC 72:** 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 **JM**

**OC 73:** ADAM33 in Bulgarian children with severe asthma  
[Polina Shahid](#) - Medical University,





<p><u>Pedro Giavina Bianchi</u>- <i>Universidade de São Paulo, Brazil</i></p> <p><b>OC 64:</b> NMBA-specific memory T cell quantification by CD154 expression in anaphylaxis diagnosis,</p> <p><u>Luc de Chaisemartin</u>- <i>Bichat Hospital, Immunology, France</i></p> <p><b>OC 65:</b></p>	<p>Pooled Results From the SINUS-24 and SINUS-52 Phase 3 Trials,</p> <p><u>Tanya M. Laidlaw</u>- <i>Humanitas University and Research Hospital, Italy</i></p> <p><b>OC 69:</b> Evaluation of Chinese medicine- Kampo for allergic rhinitis induce by pollen, using an environmental challenge chamber,</p> <p><u>Yoshitaka Okamoto</u>- <i>Chiba University, Japan</i></p> <p><b>OC 70:</b> Adequacy of symptom control drives health-related quality of life in children with allergic rhinitis: Australian observational data,</p> <p><u>Rodney Stosic</u>- <i>University of Aberdeen, United Kingdom</i></p>	<p><i>Sofia, Bulgaria</i> <b>JM</b></p> <p><b>OC 74:</b> Regulatory and Angiogenic Novel B cell Subsets,</p> <p><u>M. Akdis</u>- <i>Swiss Institute of Allergy and Asthma Research (SIAF), Switzerland</i></p> <p><b>OC 75:</b> IL-17-producing Mucosal-Associated Invariant T (MAIT) cells are associated with worsening of symptoms in children with severe asthma,</p> <p><u>Maria Leite-de-Morales</u>- <i>Paris Descartes University Sorbonne Paris Cité, France</i></p>	
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12:45-2:00pm

**Lunch symposia**

Symposium with Lunchboxes

Symposium with Lunchboxes

Symposium with Lunchboxes

2:15-3:00pm

*Coffee-Break and poster sessions + visit of the exhibition area*

3:00-3:20pm

<p><b>Cross talk between allergic responses</b></p> <p>Erika JENSEN-JAROLIM</p>	<p><b>Latest updates on microbiota and allergy interactions</b></p>	<p><b>Latest updates on spontaneous chronic urticaria and atopic</b></p>	<p><b>Sister Society symposia</b></p>
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3:20-4:30pm

(Austria)	Harald RENZ (Germany)	<b>dermatitis</b> Angèle SORIA (France)	
<p><b>OC 76:</b> A novel mechanism of IgE regulation by IgE-allergen complexes via CD23, <i>Monique Vogel- University of Bern, Switzerland</i></p> <p><b>OC 77:</b> Optimal TH2A effector function requires local epithelial cytokine signaling, <i>Erik Wambre- Benaroya Research Institute, United States</i></p> <p><b>OC 78:</b> TGM2+ IFN-gamma secreting circulating innate lymphoid cell precursors (ILCPs) are enhanced in children with celiac disease, <i>Sara Trabanelli- Department of Oncology UNIL CHUV and Ludwig Institute for Cancer Research, University of Lausanne, Switzerland</i></p> <p><b>OC 79:</b> 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),</p>	<p><b>OC 81:</b> The early life trajectory of infant gut microbiota and atopic asthma at 10 years-of-age in a US birth cohort, <i>Christine Johnson- Henry Ford Health System, USA</i></p> <p><b>OC 82:</b> Circulating neutrophil and eosinophil extracellular traps are markers of severe asthma, <i>Luc de Chaisemartin, APHP- Bichat Hospital, Immunology, France</i></p> <p><b>OC 83:</b> Circulating B cells upregulate antiviral response and carry viral particles after experimental rhinovirus infection of healthy and asthmatic subjects, <i>Mübeccel Akdis- Swiss Institute of Allergy and Asthma Research (SIAF), Suisse</i></p> <p><b>OC 84:</b> Modern urbanization has re-shaped the bacterial microbiome profiles of house dust in domestic environments, <i>Yifan Shan- School of Public Health, Xixiang Medical University, China,</i></p> <p><b>OC 85:</b> Gut microbiota profile in infants with milk and/or egg</p>	<p><b>OC 86:</b> Supporting the optimization of health-care pathways of and reduction of the burden of urticaria to patients and society: a systematic review <i>Evangéline Clark- Montpellier University Hospital, Montpellier, France JM</i></p> <p><b>OC 87:</b> Dolichyl phosphate deficiency and polyprenol supplementation in the treatment of atopic dermatitis <i>Galina Kuznecova - Public Health Research Laboratory, Riga, Latvia JM</i></p> <p><b>OC 88:</b> Economic burden of chronic urticaria in Brazil: a one-year real life study, <i>Priscilla Santos - Hospital Universitário Pedro Ernesto/Universidade do Estado do Rio de Janeiro, Brazil</i></p> <p><b>OC 89:</b> Staphylococcus dysbiosis correlates of success of treatment of atopic dermatitis with the JAK/SYK inhibitor ASN002, <i>Avidan Neumann- Institute Environmental Medicine (IEM), Helmholtz Center Muich, Germany</i></p>	

<p><i>Yoshimichi Okayama- Nihon University School of Medicine, Japan</i> <b>OC 80:</b></p>	<p>allergy and evaluation of intestinal colonization and persistence of a probiotic mixture, <i>Maurizio Mennini- Division of Allergy, Bambino Gesù Children's Hospital IRCCS, Italy</i></p>	<p><b>OC 90</b></p>	
<p><b>END OF THE CONFERENCE</b></p>			

4:30pm

