



## EAACI Allergy School

### Immunotherapy in children for the treatment of respiratory and food allergy

20 - 22 September 2018, Barcelona, Spain

## Scientific Programme

### Thursday, 20 September 2018

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|----------------------|---|
| 13:00 - 15:00        | Registration  |
| 15:00 - 15:05        | Welcome address (Room Barcelona)<br><i>Montserrat Alvaro, Spain</i>   |
| <b>15:05 - 16:30</b> | <b>Session I - Basic science in allergen immunotherapy (AIT)</b> (Room Barcelona)<br><i>Chairs: Montserrat Alvaro, Spain / Lars Jacobsen, Denmark</i> |
| 15:05 - 15:25        | Immunotherapy: are there any differences between adults and children?<br><i>Mohamed Shamji, United Kingdom</i>  |
| 15:25 - 15:45        | New strategies in AIT biomarkers based on metabolomics<br><i>Domingo Barber, Spain</i>  |
| 15:45 - 16:05        | Biomarkers of desensitisation/tolerance in food allergy AIT<br><i>Carmen Riggioni, Spain</i>  |
| 16:05 - 16:30        | Open debate with speakers   |
| 16:30 - 17:00        | Coffee break (Registration area + Room Badajoz)   |
| <b>17:00 - 18:30</b> | <b>Session II - Uses of AIT in respiratory allergy</b> (Room Barcelona)<br><i>Chairs: Oliver Pfaar, Germany / Mohamed Shamji, UK</i>                  |
| 17:00 - 17:20        | Preventive effect of AIT over the atopic march<br><i>Susanne Halcken, Denmark</i>   |

- 17:20 - 17:40 What is the evidence in AIT for allergic rhinitis in children?  
*Graham Roberts, United Kingdom*
- 17:40 - 18:00 What is the evidence in AIT for asthma in children?  
*Pablo Rodríguez del Río, Spain*
- 18:00 - 18:30 Open debate with speakers
- 20:00 - 23:00 Welcome reception (Hotel terrace, 7<sup>th</sup> floor)

## Friday, 21 September 2018

### **08:30 - 10:00** **Session III - Present and future of respiratory AIT** (Room Barcelona) *Chairs: Graham Roberts, United Kingdom / Carmen Riggioni, Spain*

- 08:30 - 08:50 Advances in adjuvants for AIT  
*Mohamed Shamji, United Kingdom*
- 08:50 - 09:10 The role of placebo effect in AIT  
*Lars Jacobsen, Denmark*
- 09:10 - 09:30 Current standards in AIT clinical trial design and future needs  
*Oliver Pfaar, Germany*
- 09:30 - 10:00 Open debate with speakers
- 10:00 - 10:30 Coffee break (Registration area + Room Badajoz)

### **10:30 - 12:20** **Practical workshops I**

- 10:30 - 11:00 Topic 1: Mixing allergens / Treating the polysensitized patient  
*Chairs: Domingo Barber, Spain; Lars Jacobsen, Denmark*
- Room Sevilla **Group Blue**
- Topic 2: Provocation tests to inhalant allergens  
*Chairs: Oliver Pfaar, Germany; Ozlem Cavkaytar, Turkey*
- Room Cordoba **Yellow Group**
- Topic 3: How to set up an inhalant immunotherapy service  
*Chairs: Graham Roberts, United Kingdom; Alberto Alvarez-Perea, Spain*
- Room Granada **Group Green**
- 11:00 - 11:10 Break/time for room change
- 11:10 - 11:40 Topic 1: Mixing allergens / Treating the polysensitized patient  
*Chairs: Domingo Barber, Spain; Lars Jacobsen, Denmark*
- Room Sevilla **Group Yellow**
- Topic 2: Provocation tests to inhalant allergens  
*Chairs: Oliver Pfaar, Germany; Ozlem Cavkaytar, Turkey*
- Room Cordoba **Group Green**
- Topic 3: How to set up an inhalant immunotherapy service  
*Chairs: Graham Roberts, United Kingdom; Alberto Alvarez-Perea, Spain*
- Room Granada **Group Blue**

11:40 - 11:50	Break/time for room change
11:50 - 12:20	Topic 1: Mixing allergens / Treating the polysensitized patient <i>Chairs: Domingo Barber, Spain; Lars Jacobsen, Denmark</i>
Room Sevilla	<b>Group Green</b>
	Topic 2: Provocation tests to inhalant allergens <i>Chairs: Oliver Pfaar, Germany; Ozlem Cavkaytar, Turkey</i>
Room Cordoba	<b>Group Blue</b>
	Topic 3: How to set up an inhalant immunotherapy service <i>Chairs: Graham Roberts, United Kingdom; Alberto Alvarez-Perea, Spain</i>
Room Granada	<b>Group Yellow</b>
12:20 - 13:45	Lunch (Room Valencia -1 floor)
<b>13:45 - 14:45</b>	<b>Poster discussion Session I</b> (Room Badajoz) <i>Chairs: Margitta Worm, Germany / Pasquale Comberiat, Italy</i>
	P01 - Fraction Of Exhaled Nitric Oxide In Children Undergoing Allergen Immunotherapy For IgE-Mediated Food Allergy: Towards Precision Medicin <i>Stefania Arasi, Italy</i>
	P02 – Macroarray Diagnostic And Sublingual Allergen Specific Immunotherapy Of Polysensitization Children <i>Olena Viktorivna Sharikadze, Ukraine</i>
	P03 – Adherence To Sublingual Immunotherapy In Real-Life <i>Polina Y. Shahid, Bulgaria</i>
	P04 - Oral Immunotherapy On Children With Cow’s Milk Allergy <i>Alexandra Rodrigues, Portugal</i>
	P05 – Sublingual Immunotherapy with Pru P 3 – Review of 7 Cases <i>Maria Joao Vasconcelo, Portugal</i>
	P06 – Steroid Sparing Effect Of Sublingual Immunotherapy: Real Life Study In Mono/Polisensitized Children With Asthma <i>Nilufer Galip, Cyprus</i>
	P07 – Sensitization Pattern To Aeroallergens And Food Allergens Among Pediatric Patients With Common Allergic Diseases <i>Pauline Florence Robles Santos Estrella, Philippines</i>
<b>14:45 - 16:15</b>	<b>Session IV - Strategies for treating food allergy</b> (Room Barcelona) <i>Chairs: Antonella Muraro, Italy / Montserrat Alvaro, Spain</i>
14:45 - 15:05	The five Ws in food AIT: who, what, when, where and why? <i>Marta Vazquez-Ortiz, United Kingdom</i>
15:05 - 15:25	Challenges in developing IT in Non-IgE mediated food allergies <i>Antonella Cianferoni, United States</i>
15:25 - 15:45	Food AIT, beyond the oral route <i>Giovanni Pajno, Italy</i>
15:45 - 16:15	Open debate with speakers
16:15 - 16:45	Coffee break (Registration area + Room Badajoz)

- 16:45 - 17:45**      **Pro-con debate - To treat or not to treat. Food AIT: is it worth it?**  
 (Room Barcelona)  
*Chairs: Alberto Alvarez-Perea, Spain / Carmen Riggioni, Spain*  
**Pro:** *Pablo Rodríguez del Río, Spain*  
**Con:** *Margitta Worm, Germany*
- 17:45 - 19:15**      **Oral abstract presentation from participants** (Room Barcelona)  
*Chairs: Antonella Cianferoni, United States / Susanne Halken, Denmark*
- 17:45 – 18:00      O01 - Intensity Of Pain Associated With Subcutaneous Administration Immunotherapy In Pediatric Age  
*Cristiana Cancela Ferreira, Portugal*
- 18:00 – 18:15      O02 - Up-Dosing Phase Of A Cooked-Egg Oral Immunotherapy Protocol: Improving Security  
*Daniella Gereda Martinez, Spain*
- 18:15 – 18:30      O03 - Deep Immunophenotyping Of Early And Late Cellular Events Shows Tolerance Induction By Successful High Dose CpG-Based Immunotherapy In A Murine Asthma Model  
*Guillem Montamat, Luxembourg*
- 18:30 – 18:45      O04 - Eosinophilic Esophagitis In Paediatric Patients Undergoing Oral Immunotherapy For IgE-Mediated Milk Allergy  
*Mireia Arnan, Spain*
- 18:45 – 19:00      O05 - Immunological Changes On Maintenance Phase Of Oral Immunotherapy With Cooked Hen ´s Egg In Pediatric Patients  
*Jorge Alejandro Mauledoux, Spain*
- 19:00 – 19:15      O06 - 1,25-Dihydroxy Vitamin D3 Adjuvant Enhances Sublingual Immunotherapy Efficiency In Pediatric Asthma: A Controlled Clinical Trial  
*Lobna Abdelaziz Abdelazim Abdelaziz El-Korashi, Egypt*
- 20:00 - 24:00      Guided tour and dinner (Sant Pau Art Nouveau)

## Saturday, 22 September 2018

- 08:30 - 10:20**      **Practical workshops II**
- 08:30 - 09:00      Topic 4: Oral immunotherapy (OIT) in milk allergy  
*Chairs: Antonella Muraro, Italy; Giovanni Pajno, Italy*  
 Room Sevilla      **Group Blue**
- Room Cordoba      Topic 5: OIT in egg allergy  
*Chairs: Alberto Alvarez-Perea, Spain; Carmen Riggioni, Spain*  
**Group Yellow**
- Room Granada      Topic 6: AIT in peanut allergy  
*Chairs: Pasquale Comberiati, Italy; Marta Vazquez-Ortiz, United Kingdom*  
**Group Green**
- 09:00 – 09:10      Break/time for room change

- 09:10 - 09:40  
Topic 4: Oral immunotherapy (OIT) in milk allergy  
*Chairs: Antonella Muraro, Italy; Giovanni Pajno, Italy*  
Room Sevilla **Group Yellow**
- Topic 5: OIT in egg allergy  
*Chairs: Alberto Alvarez-Perea, Spain; Carmen Riggioni, Spain*  
Room Cordoba **Group Green**
- Topic 6: AIT in peanut allergy  
*Chairs: Pasquale Comberiati, Italy; Marta Vazquez-Ortiz, United Kingdom*  
Room Granada **Group Blue**
- 09:40 – 09:50  
Break/time for room change
- 09:50 - 10:20  
Topic 4: Oral immunotherapy (OIT) in milk allergy  
*Chairs: Antonella Muraro, Italy; Giovanni Pajno, Italy*  
Room Sevilla **Group Green**
- Topic 5: OIT in egg allergy  
*Chairs: Alberto Alvarez-Perea, Spain; Carmen Riggioni, Spain*  
Room Cordoba **Group Blue**
- Topic 6: AIT in peanut allergy  
*Chairs: Pasquale Comberiati, Italy; Marta Vazquez-Ortiz, United Kingdom*  
Room Granada **Group Yellow**
- 10:20 - 10:45  
Coffee break (Registration area + Room Badajoz)
- 10:45 - 11:45**  
**Poster discussion Session II** (Room Badajoz)  
*Chairs: Ozlem Cavkaytar, Turkey / Domingo Barber, Spain*
- P08 - Evaluation Of IL-10/IL-17 Ratio As A Predictor Of Response To Allergen Immunotherapy In Children With Allergic Rhinitis  
*Catalina Cojanu, Romania*
- P09 - Oral Immunotherapy for milk allergy using omalizumab: A Case Report  
*Yadira Y Gordón Trigueros, Spain*
- P10 – Pediatric Anaphylaxis Cases Due To Allergen Immunotherapy In Tartu: A Single-Center Experience  
*Anneli Larionova, Estonia*
- P11 – The Efficacy Of SLIT With Ambrosia And Artemisia In Children With Allergic Rhinoconjunctivitis  
*Hanna Kasianenko, Ukraine*
- P12 – Factors That May Influence The Adherence On Specific Immunotherapy For The Treatment Of Allergic Respiratory Disease: A Pilot Study  
*Ingrid Johana Gil-Serrano, Spain*
- P13 - Utility Of Specific Allergen Immunotherapy On Physician’s Prescription Of Medication Among Children With Allergic Rhinitis  
*Prapasri Kulalert, Thailand*
- P14 - Acceptance Of Sublingual Immunotherapy By Parents For Their House Dust Mite Sensitive Children With Recurrent Wheeze And Or Nocturnal Cough  
*Purushotam Dan, India*

P15 - Evaluation Of PD-1 Expression On Different Subpopulations Of T-Lymphocytes In Donors And Patients With Allergic Rhinitis

*Nadezhda Knauer, Russia*

**11:45 - 13:15**

**Session V - Present and future of food allergy AIT** (Room Barcelona)

*Chairs: Giovanni Pajno, Italy / Pablo Rodríguez del Río, Spain*

11:45 - 12:05

The increasing interest of industry in food immunotherapy

*Antonella Muraro, Italy*

12:05 - 12:25

Eosinophilic esophagitis as an adverse event after OIT. How to deal with it

*Antonella Cianferoni, United States*

12:25 - 12:45

The future of food allergy IT

*Marta Vazquez-Ortiz, United Kingdom*

12:45 - 13:15

Open debate with speakers

13:15 - 13:30

Closing remarks (Room Barcelona)

*Montserrat Alvaro, Spain*