EAACI Allergy School on Aerobiology and Pollution
"The air that you breathe and allergies"
15 - 17 March 2018, Dubrovnik, Croatia

Scientific Programme

Thursday, 25 January 2018

11:00 - 12:45   Registration

12:45 - 13:00   Welcome address
Jeroen Buters, Germany, Organising Chair

13:00 - 14:30   Session I - Infectious diseases and allergies
Chair: Hermelijn Smits, The Netherlands

13:00 - 13:30   Allergies across the world (epidemiology of allergies)
Michael Perkin, United Kingdom

13:30 - 14:00   The effect of viral infections on allergic disease
Tuomas Jartti, Finland

14:00 - 14:30   The effect of bacterial infections on allergic disease
Wojciech Feleszko, Poland

14:30 - 15:00   Coffee break
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<thead>
<tr>
<th>Time</th>
<th>Session II - Immunology related to allergic diseases</th>
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<tr>
<td>15:00-16:30</td>
<td>What you need to know of innate immunity for allergic diseases</td>
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<td>Hermelijn Smits, The Netherlands</td>
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<tr>
<td>15:00-16:00</td>
<td>What you need to know of adaptive immunity for allergic diseases</td>
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<td>Caspar Ohnmacht, Germany</td>
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<tr>
<td>16:00-16:30</td>
<td>Diagnosis and treatment of allergic disease</td>
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<td>Stephen Durham, United Kingdom</td>
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<tr>
<th>Time</th>
<th>Session III - Do we live in a safe environment?</th>
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<tr>
<td>17:00-18:30</td>
<td>School indoor air quality and allergic disease</td>
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<td>Jeroen Buters, Germany</td>
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<td>17:00-18:00</td>
<td>Workplace indoor air quality and allergic disease</td>
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<td>Monika Raulf, Germany</td>
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<tr>
<td>17:30-18:30</td>
<td>Home indoor air quality and allergic disease</td>
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<td>Isabella Annesi-Maesano, France</td>
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<tr>
<th>Time</th>
<th>Welcome reception and poster discussion session I</th>
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<tr>
<td>18:30-20:30</td>
<td>Chairs: Jeroen Buters, Germany and Hermelijn Smits, The Netherlands</td>
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<thead>
<tr>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>P01 - Atmospheric Pollutants NO2 And O3 Contribute To Augmented Allergenic Activity Of Grass Pollen</td>
<td>Celia M Antunes, Portugal</td>
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<td>P02 - Association Between Air Pollution And Asthma: Modification By Dietary Inflammatory Potential</td>
<td>Francisca De Castro Mendes, Portugal</td>
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<td>P03 - NEW METHODS IN AIR QUALITY MONITORING: IS TOTAL PROTEIN A USEFUL MARKER OF ALLERGEN LOADS IN AMBIENT AIR?</td>
<td>Rute Arriegas, Portugal</td>
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<td>P04 - Identification And Characterization Of An Alt A 1 Cross-Reactive Allergen From The Fungus Ulocladium Chartarum</td>
<td>Sandra Pfeiffer, Austria</td>
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<tr>
<td>P05 - Outdoor Pollution Impact On Daily Allergic Airway Symptoms</td>
<td>Sofia Martins Farinha, Portugal</td>
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<td>P06 - Building An Automatic Pollen Information Network In Bavaria</td>
<td>Alisa Weber, Germany</td>
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Friday, 16 March 2018

08:30 - 10:00  Session IV - Genome, methylation and allergic diseases
Chair: Tuomas Jartti, Finland

08:30 - 09:15  Genome, methylation and allergic disease
Maria Jenmalm, Sweden

09:15 - 10:00  Cross talk with genes and environment
Klaus Bonnelykke, Denmark

10:00 – 10:30  Coffee break

10:30 - 12:00  Session V - Introduction to the workshops
Chair: Jakob Stokholm, Denmark, Jose Oteros, Germany, Branko Sikoparija, Serbia

Room Elafiti 3+4
10:30 - 11:00  Microbiome
Jakob Stokholm, Denmark

Room Asimon
11:00 - 11:30  IT Solutions
Jose Oteros, Germany

Room Bokar
11:30 - 12:00  Aerobiology
Branko Sikoparija, Serbia

12:00 - 14:00  Lunch and poster discussion session II
Chair: Jeroen Buters, Germany and Tuomas Jartti, Finland

P07 - LOSS OF AIRBORNE POLLEN INTEGRITY DURING TRANSPORT: ATMOSPHERIC CONDITIONS AFFECTING CUPRESSACEAE POLLEN
Ana Galveias, Portugal

P08 - Exposure To Airborne Pollen And Fungal Spores In Alpine Versus Urban Environments: Indoors Vs. Outdoors, Circadian Patterns And Relationships With Symptoms
Franziska Haering, Germany

P09 - DE NOVO SENSITIZATION TO RAGWEED IN CHILDREN FROM DIFFERENT REGIONS OF CROATIA
Marija Perica, Croatia

P10 - A Comparison Of House Dust Mite Allergen In Rural And Urban Areas Of Southern Africa, And Associations With Atopic Dermatitis
Thulja Trikamjee, South Africa
P11 - Can Coal And Wood Burning Products Be A Risk Factor Of Respiratory Symptoms? – Preliminary Study Of Household PM2.5 Emissions Influence On Health. *Andrzej Chcialowski, Poland*

P12 - Taxonomic And Allergenic Assessment Of The Airborne Flora Of Melbourne, Australia *Lachlan J Tegart, Australia*

P13 - Allergenicity Of Airborne Pollen In Metro Manila, Philippines *Maureen B. Sabit, Philippines*

**14:00 - 17:00**  **Practical workshops**

Room Asimon  Topic 1: Programming in R  Chair: *Jose Oteros, Germany*

Room Bokar  Topic 2: Aerobiology  Chair: *Branko Sikoparija, Serbia*

Room Elafiti 3+4  Topic 3: Microbiome  Chair: *Jakob Stokholm, Denmark*

**17:00 – 17:30**  **Coffee break**

**17:30 - 19:00**  **Session VI – Pollution and allergic diseases**  *Chair: Jose Oteros, Germany*

17:30 - 18:00  Pollution and allergic disease *Isabella Annesi-Maesano, France*

18:00 - 18:30  Pollen release more than allergens *Jeroen Buters, Germany*

18:30 - 19:00  Funghi *Michel Thibaudon, France*

**20:00 - 22:00**  **Dinner and social programme**
Saturday, 17 March 2018

08:30 - 10:00 Session VII - Vaccination against allergy and asthma  
Chair: Tuomas Jartti, Finland

08:30 - 09:00 Intralymphatic vs conventional immunotherapy  
Varpu Elenius, Finland

09:00 - 09:30 Pro-/prebiotics  
Erika Isolauri, Finland

09:30 - 10:00 Immunomodulation beyond pro-/prebiotics  
Hermelijn Smits, The Netherlands

10:00 - 11:00 Oral abstract presentation  
Chair: Jeroen Buters, Germans

10:00 – 10:15 O01 Exposure To Indoor Endocrine Disrupting Chemicals And Childhood Asthma And Obesity  
Inês Ribeiro Paciência, Portugal

10:15 – 10:30 O02 Epithelial Permeability To The Olive Pollen Allergen Ole E 1 Strongly Depends On Bronchial Epithelium State And House Dust Mite Protease Activity  
Juan Carlos Lopez-Rodríguez, Spain

10:30 – 10:45 O03 Pantoea Agglomerans Induces Epithelial-Mesenchymal Transition In Human Lung Epithelial Cells And Mice Lungs  
Marta Kinga Lemieszek, Poland

10:45 – 11:00 O04 The Pollen-Sensitization-Pollinosis Relations In Japanese Cedar (Cryptomeria Japonica) In Jeju, Korea  
Jaechun Lee, South Korea

11:00 - 11:30 Coffee break

11:30 - 13:00 Session VIII - Future of allergy  
Chair: Stephen Durham, United Kingdom

11:30 - 12:00 Scandinavian allergy prevention programme  
Tuomas Jartti, Finland

12:00 - 12:30 Automation in pollen detection  
Jose Oteros, Germany

12:30 - 13:00 Pollen and climate change  
Mikhail Sofiev, Finland

13:00 – 13:15 Closing and prize giving ceremony  
Tuomas Jartti, Finland, Organising Secretary and  
Hermelijn Smits, The Netherlands, WG Infections Chair