RHINA 2019- European Rhinallergy Meeting
21 - 23 March 2019
Eastbourne, United Kingdom

Scientific Programme

Thursday, 21 March 2019

12:00 – 13:00
Room: Foyer
Registration

13:00 – 13:10
Room: Central Hall
Open Address
Moderators: Ioana Agache, Romania
Carsten Schmidt-Weber, Germany
Philippe Gevaert, Belgium
Mohamed Shamji, United Kingdom

13:10 – 13:30
Room: Central Hall
Welcome lecture
Unmet need in upper and lower airway disease: targeting current treatments, biologicals and disease modifying therapies
Carsten Schmidt-Weber, Germany

13:30 – 15:00
Session 1 – New perspectives in allergy mechanisms
Chairs: Mohamed Shamji, United Kingdom
Philippe Gevaert, Belgium

13:30 – 13:50
Molecular diagnosis and digital medicine for allergic rhinitis and allergen immunotherapy
Paolo Matricardi, Germany
13:50 – 14:10  Advances in molecular allergology  
*Paloma Campo, Spain*

14:10 – 14:30  Transcriptomics in pollen allergy & immunotherapy  
*Sanna Toppila-Salmi, Finland*

14:30 – 14:45  O01: A Novel Toll-Like Receptor 7 Agonist Can Ameliorate Phleum Pratense Induced Allergic Responses In Vitro  
*Max Kirtland, United Kingdom*

14:45 – 15:00  O02: A Method for Detection and Sorting of Viable Allergen Activated CD4 T-Cells  
*Eric Hjalmarsson, Sweden*

15:00 – 15:30  Coffee Break

15:30 – 17:00  Session 2 – Common mechanisms in severe united airways disease  
Chair: *Paul Van Cauwenberge, Belgium*  
*Stephen Durham, United Kingdom*

15:30 – 15:50  Barrier (dis)function in Severe united airways disease  
*Brecht Steelant, Belgium*

15:50 – 16:10  Viral infections in the development of chronic upper airway disease  
*Eugene Chang, United States*

16:10 – 16:30  Genomics in severe united airways disease  
*Joaquim Mullol, Spain*

16:30 – 16:45  O03: Broad Immunglobulin G Repertoire in Chronic Rhinosinusitis with Nasal Polyps Regulates Pro-Inflammatory IgE Responses  
*Janice A Layhadi, United Kingdom*

16:45 – 17:00  O04: Component-Resolved Diagnosis in Chronic Rhinosinusitis With Nasal Polyps (CRSwNP) Patients Sensitized To Aeroallergnes  
*Fiorella Petrelli, Italy*

17:30 – 19:30  Welcome Reception and Poster Discussion Sessions

**Poster Discussion Session 1 - Airway disease**  
*Chairs: Philippe Gevaert, Belgium*  
*Ludger Klimek, Germany*

- **P01**: IgE-Producing Plasma Cells Are Present in The Nasal Mucosa of Local Allergic Rhinitis Patients  
  *Ibon Eguiluz Gracia, Spain*
- **P02**: Comparison Between Local and Imported Skin Prick Testing Results of Rat and Mouse Allergen Extracts in Patients with Respiratory Allergy  
  *Panipak Temboonnark, Thailand*
- **P03**: Safety and Reproducibility of Nasal Allergen Challenge  
  *Ibon Eguiluz Gracia, Spain*
- **P04**: A Qualitative Exploration of Patients’ Views and Experiences of Nasal Decongestant Overuse  
  *Sophie Scheire, Belgium*
- **P05**: Analysis of the Expression of il-37 and th1, th2, th17 Cytokines in Patients
with Allergic and Non-allergic Bronchial Asthma Associated with Chronic Rhinosinusitis with Nasal Polyps

Miramgul Dyneva, Russia

**P06:** Immunoglobulin G Subclass Deficiencies In Children And Adults: Immunological And Clinical Profile And Need For Immunoglobulin Replacement Therapy?

Jarno F.C. De Craemer, Belgium

**P07:** Design of The Phase 3 SINUS-24 Trial of Dupilumab In Severe Chronic Rhinosinusitis with Nasal Polyps Uncontrolled by Standard of Care

Raj Rout, United Kingdom

**P08:** An Investigation of The Effectiveness, Safety and Tolerability of One-Day Against Two-Day Oral Aspirin Desensitization Regimes for Aspirin-Exacerbated Respiratory Disease (AERD)

Stephanie Ching Ching Yung, United Kingdom

**Poster Discussion Session 2 – Immunotherapy**

**Chairs:** Oliver Pfaar, Germany

Mohamed Shamji, United Kingdom

**P09:** Omalizumab As an Adjunt For Allergen Immunotherapy – A Clinical Case

Marisa Paulino, Portugal

**P10:** Additional Symptom Relief with Intralymphatic Allergen Injections After Subcutaneous Immunotherapy? A Randomized Placebo Controlled Trial

Laila Hellkvist, Sweden

**P11:** Suppression of Grass Pollen Induced Basophil Responsiveness Following Lolium Perenne Peptide Immunotherapy

Abigail Robb, United Kingdom

**P12:** Safety of Subcutaneous Allergen Immunotherapy- Conclusions from a Long-Term Study and Analysis of Systemic Reactions Risk Factors

Piotr Lacwik, Poland

**P13:** Expression and Methylation Reflect FOXP3+ Regulatory T Cell Activity During Grass Pollen Immunotherapy

Janice Anastasia Layhadi, United Kingdom

**P14:** Attenuation of Circulating IL-4+IL-21+ T Follicular Helper Cells and Induction of FoxP3+ T Follicular Regulatory Cells Following Lolium Perenne Peptide (LPP) Immunotherapy: A RDBPCT Study

Hanisah Sharif, United Kingdom

**P15:** Changes in Chromatin Landscape in Grass Pollen-Induced Seasonal Allergic Rhinitis and Following Allergen-Specific Immunotherapy

Hanisah Sharif, United Kingdom

**P16:** Role Of IL-35 In Sublingual Allergen Immunotherapy

Janice Anastasia Layhadi, United Kingdom

**P17:** Immunomodulation Of CD4+CXCR5+PD-1+ T Follicular Helper (Tfh) And CD4+CXCR5+PD-1+FoxP3+ T Follicular Regulatory (Tfr) Cell Responses In Grass Pollen Allergy

Yi Yi, United Kingdom

---

**Friday, 22 March 2019**

**Room: Central Hall**

**Session 3 – Mechanism of immune regulation and tolerance**

**Chairs:** Stephen Durham, United Kingdom

Oliver Pfaar, Germany

08:00 – 08:20  T cell tolerance

Mohamed Shamji, United Kingdom

08:20 – 08:40  B cell tolerance

Mübeccel Akdis, Switzerland
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:40 – 09:00</td>
<td><strong>Biomarkers of immune tolerance</strong>&lt;br&gt;<em>Lars Jacobsen, Denmark</em></td>
</tr>
<tr>
<td>09:00 – 09:15</td>
<td><strong>O05: Cells Of The Lower Airways Reflect Effects Of Allergen-Specific Immunotherapy</strong>&lt;br&gt;<em>Ulrich M Zissler, Germany</em></td>
</tr>
<tr>
<td>09:15 – 09:30</td>
<td><strong>O06: Enumeration Of FoxP3+ T Regulatory (Tregs) Cells And SATB1+ Tregs In Non-Atopic Controls, Grass-Pollen Induced Allergic Individuals, Allergen Immunotherapy Treated (AIT) Tolerant And Non-Tolerant Patients</strong>&lt;br&gt;<em>Madison Lenormand, United Kingdom</em></td>
</tr>
<tr>
<td>09:30 – 10:00</td>
<td><strong>Room: Central Hall</strong>&lt;br&gt;<strong>Interactive debate</strong>&lt;br&gt;<em>Chairs: Lars Jacobsen, Denmark&lt;br&gt;Ludger Klimek, Germany</em>&lt;br&gt;<strong>SLIT vs SCIT vs PIT</strong>&lt;br&gt;<em>Stephen Durham, United Kingdom</em></td>
</tr>
<tr>
<td>10:00 – 10:30</td>
<td><strong>Room: Martello suite</strong>&lt;br&gt;<strong>Coffee Break</strong></td>
</tr>
<tr>
<td>10:30 – 11:30</td>
<td><strong>Room: Pier suites 1, 2, 3</strong>&lt;br&gt;<strong>Practical Workshop</strong>&lt;br&gt;<em>Pier Suite 2: Topic 1: AIT: how to organize your AIT / Biologicals clinic</em>*&lt;br&gt;<em>Chairs: Michael Rudenko, United Kingdom / Guy Scadding, United Kingdom / Philippe Gevaert, Belgium</em>&lt;br&gt;<em>Pier Suite 1: Topic 2: Nasal sampling, endoscopy, nasal NO, cold dry air</em>*&lt;br&gt;<em>Chairs: Maria Doulaptsi, Greece / Valerie Hox, Belgium / Natasha Gunawardana, United Kingdom</em>&lt;br&gt;<em>Pier Suite 3: Topic 3: Biomarkers in AIT and Biologicals in clinical practice</em>*&lt;br&gt;<em>Chairs: Mohamed Shamji, United Kingdom / Edward Frank Knol, The Netherlands / Jasper Kappen, The Netherlands</em></td>
</tr>
<tr>
<td>11:30 – 12:30</td>
<td><strong>Room: Central Hall</strong>&lt;br&gt;<strong>Satellite Symposium</strong></td>
</tr>
<tr>
<td>12:30 – 13:30</td>
<td><strong>Room: Martello suite / Foyer</strong>&lt;br&gt;<strong>Lunch and Poster Display</strong></td>
</tr>
<tr>
<td>13:30 – 14:00</td>
<td><strong>Room: Central Hall</strong>&lt;br&gt;<strong>Placebo Effects of AIT</strong>&lt;br&gt;<em>Paul Van Cauwenberge, Belgium&lt;br&gt;Mohamed Shamji, United Kingdom&lt;br&gt;Oliver Pfaar, Germany</em></td>
</tr>
<tr>
<td>14:00 – 15:30</td>
<td><strong>Room: Central Hall</strong>&lt;br&gt;<strong>Session 4 - EAACI Position Papers</strong>&lt;br&gt;<em>Ioana Agache, Romania&lt;br&gt;Peter Hellings, Belgium</em>&lt;br&gt;<strong>Standardization and Harmonization in AIT clinical trial design</strong>&lt;br&gt;<em>Oliver Pfaar, Germany</em></td>
</tr>
</tbody>
</table>
14:20 – 14:40   EAACI Guidelines on Allergen Immunotherapy  
*Graham Roberts, United Kingdom*

14:40 – 15:00   EAACI Position paper on nasal allergen challenge  
*Ralph Mösges, Germany*

15:00 – 15:15   **O07:** Long-Term Clinical Effect of Grass-Allergen Immunotherapy in Local Allergic Rhinitis, And Its Capacity to Modify the Natural Course Of The Disease  
*Ibon Eguiluz-Garcia, Spain*

15:15 – 15:30   **O08:** Clinical and Immunologic Effects of a Single Dose of Anti-Fel D 1-IgG4 Monoclonal Antibodies (MAb1/2) In Cat Allergic Individuals: A Randomized Double-Blind Placebo-Controlled Study  
*Jiqian Tang, United Kingdom*

**Room: Martello suite**
**15:30 – 16:00**   **Coffee Break**  
**Room: Central Hall**
**16:00 – 17:30**   **Session 5 - Better control of allergic rhinoconjunctivitis**  
*Chairs: Paloma Campo, Spain*  
*Valerie Hox, Belgium*

16:00 – 16:20   AIT and Biologics in severe Allergic rhinitis  
*Glenis Scadding, United Kingdom*

16:20 – 16:40   AIT and Biologics in rare allergies  
*Ludger Klimek Germany*

16:40 – 17:00   AIT and Biologics in severe allergic keratoconjunctivitis  
*Jean-Luc Fauquert, France*

17:00 – 17:15   **O09:** Control of Persistent Rhinitis in Real Life: A Community Pharmacy Study  
*Sophie Scheire, United Kingdom*

17:15 – 17:30   **O10:** Prevalence of Local Allergic Rhinitis in Children with Chronic Non-Allergic Rhinitis Using Multiple Nasal Provocation Tests  
*Olympia Tsilochristou, United Kingdom*

**Saturday, 23 March 2019**

**Room: Central Hall**
**08:00 – 09:30**   **Session 6 - Biologicals in severe united airways disease**  
*Chairs: Paul Van Cauwenberge, Belgium*  
*Stephen Durham, United Kingdom*

08:00 – 08:20   State of the art  
*Oscar Palomares, Spain*

08:20 – 08:40   Biologicals in asthma  
*Ioana Agache, Romania*

08:40 – 09:00   Biologicals in nasal polyposis  
*Philippe Gevaert, Belgium*

09:00 – 09:15   **O11:** Long-Term Outcome After Nasal Polyp Surgery  
*Stephan Vlaminck, Belgium*
09:15 – 09:30  **O12**: Influence of Oral Doxycycline on Wound Healing After Functional Endoscopic Sinus Surgery for Chronic Rhinosinusitis with And Without Nasal Polyps: A Double-Blind Randomized Placebo-Controlled Trial
*Els De Schryver, Belgium*

**Room: Central Hall**

**Interactive debate**
*Chairs: Graham Roberts, United Kingdom  
Ludger Klimek, Germany*

**AIT and Biologicals**
*Adam Chaker, Germany*

**Room: Martello suite**

**Coffee Break**

**Room: Central Hall**

10:00 – 10:30  **Session 7 – Future directions in AIT and Biologics**
*Chair: Philippe Gevaert, Belgium  
Stephen Durham, United Kingdom*

10:30 – 11:00  Peptide Immunotherapy: Is it ready for prime time?
*Mohamed Shamji, United Kingdom*

11:00 – 11:30  New trends in Biologics for severe airway disease
*Claus Bachert, Belgium*

11:30 – 12:00  Potential applications of machine learning in management of patients during allergen immunotherapy
*Mohamed Shamji, United Kingdom*

12:00 – 12:30  **Interactive debate**
*Chairs: Ioana Agache, Romania  
Mohamed Shamji, United Kingdom*

Global warming and thunderstorm Asthma- Are we prepared?
*Gennaro D’Amato, Italy*

**Room: Central Hall**

12:30 – 12:45  **Closing Ceremony**
*Chairs: Mohamed Shamji, United Kingdom  
Philippe Gevaert, Belgium  
Ioana Agache, Romania*