## Scientific Programme

### Thursday 30 March 2017

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>12:00 – 14:00</td>
<td>Registration</td>
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<tr>
<td>14:00 – 14:15</td>
<td>Opening Address&lt;br/&gt;Lars K. Poulsen, Denmark</td>
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<tr>
<td>14:15 – 16:06</td>
<td>Session 1 – Rhinitis&lt;br/&gt;Chair: Ralph Mösges, Germany, Martin Wagenmann, Germany</td>
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<td>14:15 – 14:40</td>
<td>Epithelial barrier dysfunction&lt;br/&gt;Brecht Steelant, Belgium</td>
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<td>14:40 – 15:05</td>
<td>Molecular mechanisms of the epithelium&lt;br/&gt;Sanna Toppila-Salmi, Finland</td>
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<td>15:05 – 15:30</td>
<td>Local allergic rhinitis - an update&lt;br/&gt;Paloma Campo, Spain</td>
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<td>15:30 – 15:42</td>
<td>O01 - Long-term follow-up of local allergic rhinitis patients&lt;br/&gt;Ibon Eguiluz Gracia, Spain</td>
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<td>15:42 – 15:54</td>
<td>O02 - ILC2-Activation Aggravates Th2-Dependent Nasal inflammation in mice&lt;br/&gt;Taiyo Morikawa, Japan</td>
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<td>15:54 – 16:06</td>
<td>O03 - Allergen Endotoxins induce non-IgE-Mediated Nasal hypersensitivity in mice via Monocyte/Macrophage-dependent pathway&lt;br/&gt;Tomohiro Yoshimoto, Japan</td>
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<td>16:06 – 16:30</td>
<td>Coffee Break and Poster Viewing</td>
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**Session 2 – Omics in Rhinology**  
*Chairs: Sanna Toppila-Salmi, Finland, Mohamed H Shamji, United Kingdom*

16:30 – 16:55  
**Proteome in Allergic Rhinitis**  
*Peter Valentin Tomazic, Austria*

16:55 – 17:20  
**Nasal microbiome and its relationship with rhinitis, sinusitis and asthma**  
*Martin Depner, Germany*

17:20 – 17:32  
**O04 - Increased microbial abundance and decreased diversity in preschool children at risk for asthma**  
*Tamar Smulders, The Netherlands*

17:32 – 17:44  
**O05 - Proteomics of eosinophilic mucin**  
*Achim Georg Beule, Germany*

17:45 – 19:45  
**Welcome Reception and Poster Discussion Session**  
*Chairs: Paloma Campo, Spain, Sven Seys, Belgium*  
- **Topic 1 - Rhinitis: Poster P01 – P11**

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**Friday 31 March 2017**

08:30 – 10:45  
**Session 3 – Chronic Rhinosinusitis: mechanisms**  
*Chairs: Martin Wagenmann, Germany, Philippe Gevaert, Belgium*

08:30 – 08:55  
**Staphylococcus aureus and Type 2 inflammation: a contradiction?**  
*Claus Bachert, Belgium*

08:55 – 09:20  
**Chronic Rhinosinusitis (without NP): mechanisms**  
*Atsushi Kato, United States*

09:20 – 09:45  
**Nasal polyp development: from stem cells to gene regulation**  
*Francisco De Borja Callejas Díaz, Spain*

09:45 – 09:57  
**O06 - TLR4 Mediates Epithelial barrier dysfunction by Staphylococcus Aureus Enterotoxin B In CRSwNP**  
*Brecht Steelant, Belgium*

09:57 – 10:09  
**O07 - Investigation of the Th17 inflammatory response in Chronic Rhinosinusitis**  
*Timothy C Biggs, United Kingdom*

10:09 – 10:21  
**O08 - Regulation of Hyperplastic cell growth in Chronic Rhinosinusitis with Nasal Polyposis**  
*Jean Kim, United States*

10:21 – 10:33  
**O09 - Interleukin 7 and Interleukin 15 interaction with the Inflammation Severity Predisposing factors and phenotype in Chronic Rhinosinusitis**  
*Livije Kalogjera, Croatia*

10:33 – 10:45  
**O10 - Problems And Solutions In The Treatment Of Acute And Chronic Rhinosinusitis**  
*Claus Bachert, Belgium*

10:45 – 11:00  
**Coffee Break and Poster Viewing**
11:00 – 12:25  **Session 4 – Chronic Rhinosinusitis: Hot topics**  
*Chairs: Atsushi Kato, United States, Robert M. Naclerio, United States*

11:00 – 11:25  EETs: What makes eosinophils get crazy in nasal polyps?  
*Elien Gevaert, Belgium*

11:25 – 12:25  Innate Lymphoid Cells in Chronic Rhinosinusitis: (Pro/Con)  
- Innate Lymphoid Cells - reality or myth in Chronic Rhinosinusitis?  
  *Koen van Crombruggen, Belgium*  
- Innate Lymphoid Cells are relevant in Chronic Rhinosinusitis  
  *Korneliusz Golebski, The Netherlands*

12:25 – 14:00  **Lunch and Poster Viewing**

12:45 – 13:45  **Company Sponsored Symposium**

14:00 – 15:40  **Session 5 - Chronic Rhinosinusitis: treatment**  
*Chairs: Joaquim Mullol, Spain, Ludger Klimek, Germany*

14:00 – 14:25  Biologicals in Chronic Rhinosinusitis  
*Philippe Gevaert, Belgium*

14:25 – 14:50  Immune deficiency in Chronic Rhinosinusitis  
*Anju Tripathi Peters, United States*

14:50 – 15:15  Chronic Rhinosinusitis in children  
*Fuad Baroody, United States*

15:15 – 15:40  Study design of clinical trials in nasal polyps  
*Robert M. Naclerio, United States*

15:40 – 16:10  **Coffee Break and Poster Viewing**

16:10 – 17:12  **Session 6 - CRS & Aspirin exacerbated respiratory disease (AERD)**  
*Chairs: Claus Bachert, Belgium, Valerie Hox, Belgium*

16:10 – 16:35  Mechanisms of Aspirin exacerbated respiratory disease (AERD)  
*Joaquim Mullol, Spain*

16:35 – 16:47  O11 - Transglutaminase 2 Expression But Not Lipid Mediator Profiles Discriminate Nasal Polyps From Steroid Treated Aspirin Tolerant And Intolerant Patients  
*Julia Esser von Bieren, Germany*

16:47 – 17:12  What do we learn from CRS endotypes in Asia?  
*Nan Zhangs, Belgium*

17:15 – 18:30  **Poster Discussion Session**  
*Chairs: Robert M Naclerio, United States, Lars K. Poulsen, Denmark*  
- Topic 3 - CRS: Poster P12 – P17  
- Topic 4 - Omics: Poster P18
Saturday 1 April 2017

**09:00 – 10:39**  
*Session 7 – Allergen Immunotherapy: Hot Topics*  
*Chairs: Oliver Pfaar, Germany, Anju Tripathi Peters, United States*

09:00 – 09:25  
Biomarkers in Allergen Immunotherapy: an EAACI Position Paper  
*Mohamed H. Shamji, United Kingdom*

09:25 – 09:50  
Airway T-cell Monitoring in Allergen Immunotherapy  
*Adam Chaker, Germany*

09:50 – 10:15  
Future perspectives of Allergen Immunotherapy  
*Lars K. Poulsen, Denmark*

10:15 – 10:27  
O12 - Subcutaneous House Dust Mite Immunotherapy Is Associated With A LongTerm Suppression Of Allergen-Induced Basophil Activation: A Prospective Study  
*Margot Berings, Belgium*

10:27 – 10:39  
O13 - Specific Subcutaneous Immunotherapy With A Depigmented Polymerized Phleum Pratense Extract In Local Allergic Rhinitis Patients, A Double-Blind Placebo-Controlled Trial  
*Carmen Rondón, Spain*

10:39 – 11:00  
Coffee Break and Poster Viewing

**11:00 – 12:15**  
*Session 8 – Rhinology in the future*  
*Chairs: Peter Valentin Tomazic, Austria, Fuad Baroody, United States*

11:00 – 11:25  
Implementation of Precision Medicine in Rhinology  
*Philippe Gevaert, Belgium*

11:25 – 11:50  
Big data. Potential future strategies of holistic omics’ approaches  
*Cornelis van Drunen, The Netherlands*

11:50 – 12:15  
E-Health tools in Rhinology  
*Sven Seys, Belgium*

**12:15 – 12:30**  
Closing Ceremony and Prize Giving