

SERIN 2017
30 March – 1 April 2017
Düsseldorf, Germany

Scientific Programme

Thursday 30 March 2017

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

- 16:30 – 17:49** **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](#)

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 <i>Chairs: Atsushi Kato, United States, Robert M. Naclerio, United States</i>
11:00 – 11:25	EETs: What makes eosinophils get crazy in nasal polyps? <i>Elien Gevaert, Belgium</i>
11:25 – 12:25	Innate Lymphoid Cells in Chronic Rhinosinusitis: (Pro/Con) <ul style="list-style-type: none"> • Innate Lymphoid Cells - reality or myth in Chronic Rhinosinusitis? <i>Koen van Crombruggen, Belgium</i> • Innate Lymphoid Cells are relevant in Chronic Rhinosinusitis <i>Korneliusz Golebski, The Netherlands</i>
12:25 – 14:00	Lunch and Poster Viewing
12:45 – 13:45	Company Sponsored Symposium
14:00 – 15:40	Session 5 - Chronic Rhinosinusitis: treatment <i>Chairs: Joaquim Mullol, Spain, Ludger Klimek, Germany</i>
14:00 – 14:25	Biologicals in Chronic Rhinosinusitis <i>Philippe Gevaert, Belgium</i>
14:25 – 14:50	Immune deficiency in Chronic Rhinosinusitis <i>Anju Tripathi Peters, United States</i>
14:50 – 15:15	Chronic Rhinosinusitis in children <i>Fuad Baroody, United States</i>
15:15 – 15:40	Study design of clinical trials in nasal polyps <i>Robert M. Naclerio, United States</i>
15:40 – 16:10	Coffee Break and Poster Viewing
16:10 – 17:12	Session 6 - CRS & Aspirin exacerbated respiratory disease (AERD) <i>Chairs: Claus Bachert, Belgium, Valerie Hox, Belgium</i>
16:10 – 16:35	Mechanisms of Aspirin exacerbated respiratory disease (AERD) <i>Joaquim Mullol, Spain</i>
16:35 – 16:47	O11 - Transglutaminase 2 Expression But Not Lipid Mediator Profiles Discriminate Nasal Polyps From Steroid Treated Aspirin Tolerant And Intolerant Patients <i>Julia Esser von Bieren, Germany</i>
16:47 – 17:12	What do we learn from CRS endotypes in Asia? <i>Nan Zhangs, Belgium</i>
17:15 – 18:30	Poster Discussion Session <i>Chairs: Robert M Naclerio, United States, Lars K. Poulsen, Denmark</i> <ul style="list-style-type: none"> • 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