



RHINA 2019

21 – 23 March 2019
Eastbourne, United Kingdom

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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** Room: Central Hall
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
Room: Pier Suites
Coffee Break

15:30 – 17:00
Room: Central Hall
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
Room: Pier Suites / Foyer
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

P9: Omalizumab As an Adjunct 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

08:00 – 09:30 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

Mübecce Akdis, Switzerland

- 08:40 – 09:00 Biomarkers of immune tolerance
Lars Jacobsen, Denmark
- 09:00 – 09:15 **O05:** Cells Of The Lower Airways Reflect Effects Of Allergen-Specific Immunotherapy
Ulrich M Zissler, Germany
- 09:15 – 09:30 **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
Madison Lenormand, United Kingdom
- 09:30 – 10:00** **Room: Central Hall**
Interactive debate
Chairs: Lars Jacobsen, Denmark
Ludger Klimek, Germany
- SLIT vs SCIT vs PIT
Stephen Durham, United Kingdom
- 10:00 – 10:30** **Room: Martello suite**
Coffee Break
- 10:30 – 11:30** **Room: Pier suites 1, 2, 3**
Practical Workshop
Pier Suite 2: Topic 1: AIT: how to organize your AIT / Biologicals clinic
Chairs: Michael Rudenko, United Kingdom / Guy Scadding, United Kingdom / Philippe Gevaert, Belgium
- Pier Suite 1:** Topic 2: Nasal sampling, endoscopy, nasal NO, cold dry air
Chairs: Maria Doulaptsi, Greece / Valerie Hox, Belgium / Natasha Gunawardana, United Kingdom
- Pier Suite 3:** Topic 3: Biomarkers in AIT and Biologicals in clinical practice
Chairs: Mohamed Shamji, United Kingdom / Edward Frank Knol, The Netherlands / Jasper Kappen, The Netherlands
- 11:30 – 12:30** **Room: Central Hall**
Satellite Symposium
- 12:30 – 13:30** **Room: Martello suite / Foyer**
Lunch and Poster Display
- 13:30 – 14:00** **Room: Central Hall**
Placebo Effects of AIT
Chair: Paul Van Cauwenberge, Belgium
Mohamed Shamji, United Kingdom
Oliver Pfaar, Germany
- 14:00 – 15:30** **Room: Central Hall**
Session 4 - EAACI Position Papers
Chairs: Ioana Agache, Romania
Peter Hellings, Belgium
- 14:00 – 14:20 Standardization and Harmonization in AIT clinical trial design
Oliver Pfaar, Germany

- 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 **007:** 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 **008:** 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
- 15:30 – 16:00** Room: Martello suite
Coffee Break
- 16:00 – 17:30** Room: Central Hall
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 **009:** Control of Persistent Rhinitis in Real Life: A Community Pharmacy Study
Sophie Scheire, United Kingdom
- 17:15 – 17:30 **010:** 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 **011:** 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
- 09:30 – 10:00** **Room: Central Hall**
Interactive debate
Chairs: Graham Roberts, United Kingdom
Ludger Klimek, Germany
- AIT and Biologicals
Adam Chaker, Germany
- 10:00 – 10:30** **Room: Martello suite**
Coffee Break
- 10:30 – 12:00** **Room: Central Hall**
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** **Room: Central Hall**
Interactive debate
Chairs: Ioana Agache, Romania
Mohamed Shamji, United Kingdom
- Global warming and thunderstorm Asthma- Are we prepared?
Gennaro D'Amato, Italy
- 12:30 – 12:45** **Room: Central Hall**
Closing Ceremony
Chairs: Mohamed Shamji, United Kingdom
Philippe Gevaert, Belgium
Ioana Agache, Romania