ISMA 2015 Programme

12:00 - 13:45
Thursday, 19 November 2015
Registration

14:00 – 14:30
Welcome and Keynote Lecture 1
Chairs: Paolo Matricardi, Germany
Luis Delgado, Portugal

Introductory lecture to ISMA 2015
Luis Delgado, Portugal

Welcome to ISMA 2015 from the EAACI President
Antonella Muraro, Italy - EAACI President

14:30 – 16:15
Symposium 1: Biochemistry, structure and environment of the allergen: what makes a protein an allergen?
Chairs: Paolo Matricardi, Germany
Hans-Jürgen Hoffmann, Denmark

Enzymatic activity, ligands, post-translational modifications or proteolytic susceptibility... what shapes an allergen?
Fatima Ferreira, Austria

Why is aGAL clinically relevant and CCD not?
Thomas Platts-Mills, United States

Intrinsic molecular properties are not enough for a protein to become an allergen
Esther de Jong, The Netherlands

Oral abstract presentations

Two cell-membrane peptidases carrying galactose-alpha-1,3-galactose are implicated in delayed anaphylactic reactions upon pork kidney ingestion in patients with IgE-antibodies to alpha-Gal
Christiane Hilger, Luxembourg

Structure solution of Pla 1 1 suggests similar folding of Ole e 1-like family members but distinct immunological properties
Sabrina Wildner, Austria

16:15 – 16:45
Coffee break
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16:45 – 18:30  **Symposium 2: New allergen molecules in the spotlight**  
*Chairs: Ronald van Ree, The Netherlands  
Fatima Ferreira, Austria*

- Allergens from furry animals and their role in asthma  
*Jon Konradsen, Sweden*

- Is there more than Der p 1 and Der p 2 in mite allergy?  
*Susanne Vrtala, Austria*

- Fish allergy: parvalbumin and beyond  
*Annette Kuehn, Luxembourg*

**Oral abstract presentations**

- Identification of the cysteine protease Amb a 11 as a novel major allergen from short ragweed (ambrosia artemisiifolia)  
*Philippe Moingeon, France*

- Production and characterization of polybia paulista recombinant antigen 5: a valuable diagnostic tool  
*Karine Marafigo De Amicis, Brazil*

18:30 – 20:00  **Welcome Reception and Poster Viewing**

**Friday, 20 November 2015**

08:30 – 09:00  **Keynote lecture 2**  
*Chair: Maria Conceição Galvão Santos, Portugal*

- EAACI TF report on molecular allergology  
*Markus Ollert, Luxembourg*

09:00 – 10:45  **Symposium 3: Progress in molecular and cellular diagnosis**  
*Chairs: Markus Ollert, Luxembourg  
Maria Conceição Galvão Santos, Portugal*

- Mono-, oligo- or multi-plex? Scientific and public health perspectives  
*Robert Hamilton, United States*
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Can BAT replace the need for DBPCFC in food allergy diagnosis?
Alexandra Santos, United Kingdom

New biotechnologies in allergy diagnosis
Claudio Rhyner, Switzerland

Oral abstract presentations

Basophil activation test with recombinant Pru p 3; identifying genuine peach allergic patients
Margaretha Faber, Belgium

Nanofluidic technology enables rapid, near-patient quantification of allergen-specific IgE
Fabien Rebeaud, Switzerland

10:45 - 11:15
Coffee break

11:15 - 12:45
Pro/Con: From symptoms to molecules and back: top-down versus bottom-up diagnosis, followed by a panel discussion
Includes voting with the mobile app
Chair: Paolo Matricardi, Germany

Bottom-up approach: Domingo Barber, Spain
Team: Marianne van Hage, Sweden, Magnus Wickman, Sweden, Rudolf Valenta, Austria

Top-down approach: Jörg Kleine-Tebbe, Germany
Team: Riccardo Asero, Italy, Montserrat Fernandez-Rivas, Spain, Joaquin Sastre, Spain

12.45 - 14.30
Lunch | Poster Viewing

14.30 - 16.15
Clinical Cases: Breakthroughs and headaches from CRD
Chair: Jörg Kleine-Tebbe, Germany
Alexandra Santos, United Kingdom

Anaphylaxis caused by lipid transfer proteins: a complex clinical pattern syndrome
Inês Mota, Portugal
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IgE sensitization profile in a patient with asteraceae pollen-exotic fruits association
Florin-Dan Popescu, Romania

Food-dependent – exercise induced anaphylaxis. which component to blame?
Rosa Anita Rodrigues Fernandes, Portugal

Anaphylaxis to intravenous iron preparations in a patient that tolerates oral administration
María Cecilia Martín Fernández De Basoa, Spain

IgE sensitization pattern in an adult patient with oral allergy syndrome to peanuts and pollinosis from southern Romania
Florin-Dan Popescu, Romania

Evidence of specific IgE to plant-derived cross-reactive carbohydrate determinant in a patient with delayed anaphylaxis to red meat
Mariana Vieru, Romania

16.15 - 16.45 Coffee break

16.45 - 18.30 Symposium 4: Relevance of molecular diagnostics for intervention and treatment
Chairs: Domingo Barber, Spain
Rodrigo Rodrigues Alves, Portugal

The role of non-IgE CRD in peanut-allergic phenotypes
Mareen Datema, The Netherlands

Molecular Diagnostics for AIT selection
Paolo Matricardi, Germany

Biomarkers of successful AIT
Philippe Moingeon, France

Oral abstract presentations

Longitudinal analysis of Bet v 1-specific epitope repertoires during birch pollen immunotherapy
Barbara Gepp, Austria
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A natural CCD-free tool: is polistes sp. venom suitable for polybia paulista diagnosis and therapy?

Keity Souza Santos, Brazil

Saturday, 21 November 2015

08.30 - 09.00

Keynote lecture 3
Chair: Luis Delgado, Portugal

Molecular Allergology and Immunotherapy
Rudolf Valenta, Austria

09.00 - 10.45

Symposium 5: The advent of molecular allergology in epidemiology
Chairs: Luis Delgado, Portugal
Rudolf Valenta, Austria

The Medall project: multifaceted impact of Molecular allergology on Epidemiological surveys
Magnus Wickman, Sweden

Environmental measurement of major allergens as proxy for pollen exposure
Jeroen Buters, Germany

CRD in EuroPrevall: towards biomarkers for severity
Ronald van Ree, The Netherlands

Oral abstract presentations

Peanut oleosins: from identification to diagnostic testing
Uta Jappe, Germany

Endotypes of oral allergy syndrome in childhood: a molecular diagnostic approach
Carla Mastrorilli, Italy

10.45 - 11.15

Coffee break

11.15 - 13.00

Symposium 6: Molecular AIT: which approaches will make it to market?
Chairs: Ronald van Ree, The Netherlands
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Mark Larché, Canada

Phase II trial with BM32
Rudolf Valenta, Austria

Progress with T-cell epitope AIT
Mark Larché, Canada

Progress with FAST Phase I and II trials
George Stavroulakis

Oral abstract presentations

Mbc4 - an innovative molecule to tackle birch pollen and concomitant food allergies
Heidi Hofer, Austria

Challenges and solutions associated with the production of recombinant Bet v 1 allergen as a therapeutic protein
Emmanuel Nony, France

13.00 - 13.15

Closing remarks
Hans-Jürgen Hoffmann, Denmark

Farewell address & poster prize giving
Luís Delgado, Portugal
Paolo Matricardi, Germany