15th EAACI Immunology Winter School
“Basic Immunology Research in Allergy and Clinical Immunology”
26 - 29 January 2017
Sierra Nevada, Spain

SCIENTIFIC PROGRAMME

Thursday, 26 January 2017

18:00  Welcome Reception

18:45 - 19:00  Introduction to the Winter School
   **Liam O’ Mahony, Switzerland**
   EAACI Immunology Section Chairperson

19:00 - 20:00  Gut-brain axis and immunoregulation
   **John Bienenstock, Canada**
   Chair: Liam O’Mahony, Switzerland

20:00  Dinner

Friday, 27 January 2017

08:00 - 09:00  Type 2 Cytokines, Macrophages and Tissue Repair
   **Judith Allen, United Kingdom**
   Chair: Jan Gutermuth, Belgium

09:00 – 09:20  Break

09:20 - 11:00  Innate Immune Responses
   Oral Abstract presentations from participants
   Chairs: Jan Gutermuth, Belgium
   Judith Allen, United Kingdom
   - Carbohydrate A10 (CA10) From Ehrlich Tumor Cells Promote Tolerance By Acting On Human Dendritic Cells And Generating Functional Regulatory T Cells
     Leticia Martín de la Cruz, Spain
   - Human Rhinovirus Triggers Activation Of Inflammasome In Airway Epithelium In Asthma
     Urszula Radzikowska, Switzerland
   - Modulation Of Respiratory Syncytial Virus-Induced IL-33-Dependent Type 2 Immune Response By Parasite Products
     Francesco Vacca, United Kingdom
- The Staphylococcal Protease SplD Induces Allergic Asthma Via The IL-33/ST2 Axis In Mice
  Andrea Renate Teufelberger, Belgium

11:00 – 16:30 Break

16:30 - 17:30 Immune-bacterial-viral interactions in the respiratory tract
  Debby Bogaert, United Kingdom
  Chair: Jürgen Schwarze, United Kingdom

17:30 – 17:50 Break

17:50 – 19:30 Immune Regulation in Tissues
  Oral Abstract presentations from participants
  Chairs: Jürgen Schwarze, United Kingdom
  Debby Bogaert, United Kingdom
  - Monocytes Accumulate In The Airways Of Children With Fatal Asthma
    Ibon Eguiluz Gracia, Norway
  - Interaction Between The Microbiome And The Transcriptome In Lesional And Non-Lesional Skin In Atopic Dermatitis Patients
    Can Altunbulakli, Switzerland
  - Extensive Skin Barrier Damage And Inflammatory Changes Upon Exposure To P-Phenylenediamine In Hair Dye Allergic Individuals
    Sanne Skovvang Steengaard, Denmark
  - Parasite-Driven Eicosanoid Reprogramming In Myeloid Cells - A Mechanism For Immune Evasion And Repair?
    Marta De Los Reyes, Germany

19:30 Dinner

21:00 – 22:00 Poster session I
  - Topic 1 - Basic Immunology: Poster P01 - P09
    Chairs: John Bienenstock, Canada
    Eva Untersmayr-Elsenhuber, Austria
  - Topic 2 - Immune Mechanisms: Poster P10 - P18
    Chairs: Clare Lloyd, United Kingdom
    Jan Gutermuth, Belgium
  - Topic 3 - Allergic Immune Response: Poster 19 - 27
    Chairs: Judith Allen, United Kingdom
    Grzegorz Woszczek, United Kingdom

Saturday, 28 January 2017

08:00 – 09:00 Innate lymphoid cells and allergy
  Rudi W. Hendriks, The Netherlands
  Chair: Inge Kortekaas Krohn, Belgium

09:00 – 09:20 Break

09:20 - 11:00 Lymphocytes and Disease
  Oral Abstract presentations from participants
  Chairs: Inge Kortekaas Krohn, Belgium
  Rudi W. Hendriks, The Netherlands
- T Follicular Helper Cells; Janus Cells Of Chronic Allergic Airway Disease
  Faith I Uwadiae, United Kingdom
- Peripheral Blood Innate Lymphoid Cells Of Patients Suffering From Severe Pulmonary Inflammation Display An Activated Phenotype
  Suzanne Bal, The Netherlands
- Human Rhinoviruses Infect And Activate B Cells
  Oliver Wirz, Switzerland
- The Plasticity Of T Regulatory Cells During Human Rhinovirus Infection
  Kirstin Jansen, Switzerland

11:00 – 16:30  Break

16:30 –17:30  Immune mechanisms in asthma
  Clare Lloyd, United Kingdom
  Chair: Grzegorz Woszczech, United Kingdom

17:30 – 17:50  Break

17:50 – 19:30  Allergens and Allergy Mechanisms
  Oral Abstract presentations from participants
  Chairs: Grzegorz Woszczech, United Kingdom
  Clare Lloyd, United Kingdom
- Basophil Activation As A Measure Of Allergy Sensitivity To Peanut During Treatment By Omalizumab
  Frida Kalm, Sweden
- Identification And Immunological Characterization Of Novel Allergens In Polistes Venom
  Maximilian Schiener, Germany
- Identification And Characterization Of Allergens From Aspergillus Oryzae: A Major Asthma Sensitizing Mould
  Koyel Sengupta, India
- Molecular Signaling For The Inhibition Of Allergic Sensitization And Induction Of Spectral T Helper Phenotypes By Alum/CpG-ODN Formulation
  Ricardo Wesley Alberca-Custódio, Brazil

19:30  Dinner

21:00 – 22:00  Poster session II
- Topic 4 - Allergens and Allergic Inflammation: Poster P28 - P38
  Chairs: Gunnar Nilsson, Sweden
  Ibon Eguiluz Gracia, Spain
- Topic 5 - Adaptive Immunity: Poster P39 - P49
  Chairs: Debby Bogaert, United Kingdom
  Inge Kortekaas Krohn, Belgium

Sunday, 29 January 2017

08:00 – 09:00  Mast cells in inflammatory responses
  Gunnar Nilsson, Sweden
  Chair: Bettina Jensen, Denmark

09:00 – 09:20  Break
Regulation of Allergic Inflammation
Oral Abstract presentations from participants

Chairs: Bettina Jensen, Denmark
Gunnar Nilsson, Sweden

- Raw Cow’s Milk Prevents The Development Of Airway Inflammation In A Murine House Dust Mite-Induced Asthma Model
  Suzanne Abbring, The Netherlands
- Antigens Of The Helminth Schistosoma Mansoni Suppress Allergic Airway Inflammation
  Katja Obieglo, The Netherlands
- Cannabinoid Receptors CB1/CB2 Promote Anti-Inflammatory Responses In Dendritic Cells: Implications For Allergic Diseases
  Alba Angelina Querencias, Spain
- IL-5 Dependent Mechanisms In IL-33 Induced Bone Marrow Eosinophilia
  Kristina Johansson, Sweden

Wrap up and Farewell
Chair: Jürgen Schwarze, United Kingdom