EAACI Master Class on Occupational Allergy
Biomarkers and Personalized Medicine in Occupational Respiratory Allergic Diseases
Madrid, Spain, 29 - 30 September 2017

Scientific Programme

Friday 29 September 2017

09:00 - 11:45  Registration

11:45 - 12:00  Welcome address
Santiago Quirce, Spain, Chair of the Master Class
Jolanta Walusiak-Skorupa, Poland, EAACI Interest Group on Occupational Allergy Chair
Joaquin Sastre, Spain, President Sociedad Española de Alergología e Inmunología Clínica
Peter Schmid-Grendelmeier, Switzerland, EAACI Vice President Education and Specialty

12:00 - 13:30  Session I - Occupational allergic respiratory diseases: Epidemiology and pathophysiology
Chair: Santiago Quirce, Spain

12:00 - 12:45  International trends in the prevalence and incidence of occupational allergic respiratory diseases (work-related asthma, hypersensitivity pneumonitis)
Andrea Alfredo M Siracusa, Italy

12:45 - 13:30  New insights on the pathogenesis of allergic occupational asthma and irritant-induced asthma
Frédéric de Blay, France

13:30 - 14:30  Light Lunch

14:30 - 16:00  Session II - Phenotypes and diagnostic evaluation of occupational asthma
Chair: Joaquin Sastre, Spain

14:30 - 15:15  Phenotypes of work-related asthma
Olivier Vandenplas, Belgium
15:15 - 16:00 Clinical investigations in patients with suspected occupational respiratory disease
*Jolanta Walusiak-Skorupa, Poland*

16:30 - 19:00 Practical seminar at Fundación Jiménez Díaz: Specific inhalation challenges (site visit to challenges chambers)
Standardized methods for nasal and bronchial provocation tests with occupational agents
*Joaquin Sastre, Spain, Mar Fernandez Nieto, Spain*

20:00 Welcome dinner

**Saturday 30 September 2017**

**08:30 - 10:00 Session III - Inflammatory biomarkers and molecular diagnosis**
*Chair: Monika Raulf, Germany*

08:30 - 09:15 Assessment of airway inflammation and usefulness of biomarkers in occupational asthma
*Mar Fernandez Nieto, Spain, Santiago Quirce, Spain*

09:15 - 10:00 Molecular diagnosis in the occupational setting
*Monika Raulf, Germany*

10:00 - 10:30 Coffee Break

**10:30 - 12:00 Session IV - Old and new eliciting agents of occupational asthma**
*Chair: Jolanta Walusiak-Skorupa, Poland*

10:30 - 11:15 Occupational asthma in farming and in the food industry
*Gianna Moscato, Italy*

11:15 - 12:00 New causative agents of occupational asthma
*Santiago Quirce, Spain*

12:00 - 13:00 Lunch

**13:00 - 14:30 Session V - Outcome of patients with work-related asthma**
*Chair: Gianna Moscato, Italy*

13:00 - 13:45 Follow-up and outcome of patients with work-related asthma
*Joaquin Sastre, Spain*

13:45 - 14:30 Prevention of occupational respiratory allergy & the case of apprentices
*Jolanta Walusiak-Skorupa, Poland, Monika Raulf, Germany*

14:30 - 15:00 Coffee Break

**15:00 - 16:30 Round table: Lessons learned from work-related asthma. Case presentations**
*Chairs: Santiago Quirce, Spain, Olivier Vandenplas, Belgium*
All faculty members

16:30 - 16:45 Closing remarks
*Jolanta Walusiak-Skorupa, Poland, Santiago Quirce, Spain*