

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



Organisers: EAACI Occupational Allergy Interest Group

Educational aims

The rapid increase and application of molecular techniques to the field of asthma and allergic airway diseases has resulted in the emergence of new biomarkers for disease presence, susceptibility, and even differential response to treatment and allergen avoidance. These advances are also affecting occupational airways diseases, and the new tools and insights being developed are laying the foundation of precision or personalised medicine in the occupational respiratory field. The main goal of this master class will be to review the importance and role of different known and potential biomarkers useful to define the pathophysiological and clinical profiles of patients affected by occupational lung disease, particularly occupational asthma. In addition, the burden and the clinical aspects, phenotypes and pathophysiology of occupational allergic respiratory diseases will be addressed.

Expected outcome and potential impact in practice after the master class

By stimulating transnational exchange of experience and knowledge related to issue of application of molecular techniques to the field of occupational asthma and allergic airway diseases, the meeting will contribute to increase awareness of modern solutions in everyday practice and scientific research. All participants will have an opportunity to share their arguments and develop common innovative solutions aiming at increasing capacities of diagnostics of occupational allergy and further development of research practices.

Programme

The master class will be held over two days and will include lectures, workshops, practical discussions, a visit to challenge chambers and case presentations.

Topics covered:

- International trends in the prevalence and incidence of occupational allergic respiratory diseases (work-related asthma, hypersensitivity pneumonitis)
- New insights on the pathogenesis of allergic occupational asthma and irritant-induced asthma
- Dose-response relationships with occupational allergens
- Clinical investigations in patients with suspected occupational respiratory disease
- Molecular diagnostics in the occupational setting
- Standardized methods for nasal and bronchial provocation tests with occupational agents
- Phenotypes of work-related asthma
- Usefulness of biomarkers (sputum, serum, urine)
- Occupational asthma in farming and in the food industry
- Follow-up and outcome of patients with work-related asthma
- Nasal and bronchial provocation tests with occupational allergens
- Assessment of airway inflammation in the occupational setting

Click below to access the scientific programme:

Download Programme

Target Audience

Whereas EAACI's allergy schools are tailored for more junior attendees, master classes requires a higher level of professional experience and offers an excellent platform for the exchange of knowledge. However, age is not a criterion for exclusion.

This master class is intended for clinicians, researchers and lab specialists who want to learn more about Occupational Allergy.

CME Accreditation

An application will be made to the UEMS-EACCME® for CME accreditation of this meeting. Further information will be available at a later stage.

Submission of case reports

This master class will include an interactive sessions/round table in which case reports submitted by attendees will be discussed. Case reports can now be submitted by email to This email address is being protected from spambots. You need JavaScript enabled to view it. `document.getElementById('cloak8e041103e0519cb76c12b358339b6c6c').innerHTML = ''; var prefix = 'ma' + 'il' + 'to'; var path = 'hr' + 'ef' + '='; var addy8e041103e0519cb76c12b358339b6c6c = 'education' + '@'; addy8e041103e0519cb76c12b358339b6c6c = addy8e041103e0519cb76c12b358339b6c6c + 'eaaci' + '.' + 'org'; var addy_text8e041103e0519cb76c12b358339b6c6c = 'education' + '@' + 'eaaci' + '.' + 'org';document.getElementById('cloak8e041103e0519cb76c12b358339b6c6c').innerHTML += ''+addy_text8e041103e0519cb76c12b358339b6c6c+';`

Furthermore, the cases can be presented with or without slides and will be discussed with faculty and attendees.

Venue

The venue of the master class will be:

Hospital La Paz

Paseo de la Castellana, 261

28046 Madrid

Tel: +34 917 27 70 00

[Website click here](#)

Registration

[Online registration will be available until the maximum capacity of 50 participants is reached.](#)



Registration Fees

Early bird registration fees until 19 July 2017:

[EAACI Member* / EAACI Junior Member EUR 500.00](#)

[Non-Member EUR 800.00](#)

Registration fee after 19 July 2017:

[EAACI Member* / EAACI Junior Member EUR 600.00](#)

[Non-Member EUR 900.00](#)

[*Only EAACI Members who have paid the full amount of their membership fee are entitled to this reduced fee. Please make sure to pay the EAACI membership before you register for this master class.](#)

[Registration for the master class includes:](#)

- [Coffee breaks](#)
- [Welcome reception on Friday](#)
- [Lunch on Saturday](#)

[The registration fee does not include travel costs and accommodation.](#)

[We are looking forward to seeing you in Madrid.](#)

Organising Committee

Santiago Quirce

[EAACI Master Class Chair](#)

Jolanta Walusiak-Skorupa

Master Class Chair

EAACI Environmental and Occupational Allergy IG Secretary

Joaquín Sastre

President Sociedad Española de Alergología e Inmunología Clínica

Peter Schmid-Grendelmeier

EAACI Vice President on Education & Specialty