

Fri 5 May
08:00 - 09:00 | **Registration**
Other

Fri 5 May
09:00 - 10:15 | **Session I - Environmental Exposures and airway disease in the context of climate change – state of the art (plenary)**

Session

Chair : Carmen Galan (Spain), Mohamed Fareed Jeebhay (South Africa)

To develop an improved understanding of the relationship between environmental exposures and airway disease, as well as the pathophysiological mechanisms that underly the phenotypic manifestations.

09:00 | **Welcome address and programme outline**

Carmen Galan (Spain), Tomás Chivato (Spain)

09:15 | **From exposure to multi-exposome: A new threat to airways disease requiring new solutions**

Athanasios Damialis (Greece)

09:45 | **Pathophysiological mechanisms and interaction of pollutants with the immune system**

Hille Suojalehto (Finland)

Fri 5 May
10:15 - 10:45 | **Coffee Break**
Other

Fri 5 May
10:45 - 12:15

Session II - Case reports and case studies (plenary)

Session

Chair : Hille Suojalehto (Finland), Célia Antunes (Portugal)

To have greater insights and appreciation of the association between environmental exposures (air pollutants and aeroallergens) and airway disease among children and adults in various settings.

Case reports from participants with discussion

10:45 **Case report 1**

11:00 **Case report 2**

11:15 **Case report 3**

Case studies from Faculty with discussion

11:30 **Work-related asthma**
Marcela Valverde monge (Spain)

11:45 **Adult asthma (the case of thunderstorm asthma)**
Athanasios Damialis (Greece)

12:00 **Childhood asthma**
Nicolas Bruffaerts (Belgium)

Fri 5 May
12:15 - 13:15

Lunch
Other

Fri 5 May
13:15 - 14:45

Session III - Epidemiology and risk factors for airways disease in different exposure settings (plenary)

Session

Chair : Mohamed Fareed Jeebhay (South Africa), Marcela Valverde monge (Spain)

To develop an improved understanding of the epidemiology and risk factors for airways disease in different exposure settings (indoor, outdoor and occupational).

13:15 **Indoor settings**
Monika Raulf (Germany)

13:45 **Outdoor settings**
Gilles OLIVER (France)

14:15 **Workplaces**
Vivi Schlunssen (Denmark)

Fri 5 May
14:45 - 15:15

Coffee Break
Other

Fri 5 May
15:15 - 17:30

Session IV - Workshops - Measuring adverse respiratory health outcomes (revolving workshops of 30 mins each)

Workshops

Chair : Marcela Valverde monge (Spain)

To develop a deeper understanding of practical methods used in measuring adverse respiratory health outcomes present in airway disease and understanding their clinical relevance.

Topic: Questionnaires, nasal sampling and symptom registries

Stefanie Gilles (Germany)

Topic: Lung function tests

Mohamed Fareed Jeebhay (South Africa)

Topic: Immunological tests

Monika Raulf (Germany)

Topic: Clinical evaluation of the patient

Hille Suojalehto (Finland)

15:15 **Workshop round 1**

15:45 **Rotation Break**

15:50 **Workshop round 2**

16:20 **Rotation Break**

16:25 **Workshop round 3**

16:55 **Rotation Break**

17:00 **Workshop round 4**

Fri 5 May
17:30 - 18:00

Welcome Reception

Other

Fri 5 May
20:00 - 22:00

Dinner

Other

Sat 6 May
08:20 - 10:00

**Session V - Workshops - Exposure assessment approaches in different settings
(revolving workshops of 30 mins each)**

Workshops

Chair : Athanasios Damialis (Greece)

To develop a deeper understanding of practical methods used in exposure assessment techniques for chemical pollutants, particulates and bioaerosols.

Topic: Outdoor-indoor bioaerosol composition and exposures

Célia Antunes (Portugal)

Topic: Outdoor pollutant exposures

Dorota Myszkowska (Poland)

Topic: Occupational exposures

Monika Raulf (Germany)

08:20 **Workshop round 5**

08:50 **Rotation Break**

08:55 **Workshop round 6**

09:25 **Rotation Break**

09:30 **Workshop round 7**

Sat 6 May
10:00 - 10:30

Coffee Break

Other

Sat 6 May
10:30 - 11:30

Session VI - EAACI guidelines for outdoor and occupational settings (plenary)

Session

Chair : Célia Antunes (Portugal), Hille Suojalehto (Finland)

To familiarize participants with different EAACI guidelines develop to address airways disease associated with exposure to outdoor and occupational aeroallergens.

10:30 **The EAACI Environmental Science Guidelines on pollen as a risk factor for moderate and severe asthma exacerbations**

Isabella Annesi-Maesano (France)

11:00 **The EAACI Position Paper on food processing and occupational respiratory allergy**

Mohamed Fareed Jeebhay (South Africa)

Sat 6 May
11:30 - 12:30

Session VII - Preventive approaches in the context of climate change (plenary)

Session

Chair : Carmen Galan (Spain), Mohamed Fareed Jeebhay (South Africa)

To develop an improved understanding of preventive approaches for airways disease in the context of climate change.

11:30 **Strategies for prevention – individual patient**

Stefanie Gilles (Germany)

12:00 **Strategies for prevention – public health**

Isabella Annesi-Maesano (France)

Sat 6 May
12:30 - 13:30

Lunch

Other

Sat 6 May
13:30 - 14:30

Session VIII - Science vs. Climate Change: and the winner is? (Interactive quiz)

Session

13:30 **Interactive quiz**

Athanasios Damialis (Greece), Stefanie Gilles (Germany)

Sat 6 May
14:30 - 14:45

Closing remarks - End of the course

Other

Chair : Mohamed Fareed Jeebhay (South Africa)