

“Biology of gene-environment interactions in the lung”

March 26-28, 2010 Estoril, Portugal

PRELIMINARY SCIENTIFIC PROGRAMME (13.10.2009)

Friday March 26, 2010

08:30 – 09:30 **Opening Session**

08:30 – 08:45 **Introduction**

Geoff Laurent (London, GB)

08:45 – 09:30

Plenary Lecture: Gene environment interactions; the model of antitrypsin deficiency

David Lomas (Cambridge, GB)

09:30 – 11:40 **Session I: Environment and lung disease**

09:30 – 09:50

Genes, environment and lung

Juha Kere (Huddinge, SE)

09:50 – 10:05

Discussion

10:05 – 10:20

Oral Presentation 1

10:20– 10:50

Coffee break

10:50 – 11:10

The genetic basis of environmental lung disease

Steven Kleeberger (Baltimore, USA)

11:10 – 11:25

Discussion

11:25 – 11:40

Oral presentation 2

11:40 – 13:20 **Session II: Smoking-related lung disease**

11:40 – 12:00

Epigenetics and smoking in the development of lung cancer

Stephen Belinsky (Albuquerque, USA)

12:00 – 12:15

Discussion

12:15 – 12:30

Oral Presentation 3

12:30 – 12:50

Gene expression in smoking related lung disease

Avrum Spira (Boston, USA)

12:50 – 13:05

Discussion

13:05 – 13:20

Oral Presentation 4

Friday March 26, 2010 (cont.)

13:20

Lunch

14:30 – 16:30

Session III: Pulmonary alveolar proteinosis and infection

14:30 – 14:50

Pulmonary alveolar proteinosis

Bruce Trapnell (Cincinnati, USA)

14:50 – 15:05

Discussion

15:05 – 15:20

Oral Presentation 5

15:20 – 15:40

Hyper IgE syndrome and pulmonary infection

Bodo Grimbacher (London, GB)

15:40 – 15:55

Discussion

15:55 – 16:10

Oral Presentation 6

16:10 – 16:30

Coffee break

16:30 – 18:30

Poster Sessions

16:30 – 17:00

Poster Session 1

17:00 – 17:30

Poster Session 2

17:30 – 18:00

Poster Session 3

18:00 – 18:30

Poster Session 4

18:45

Reception, followed by the Evening Pre-Dinner Talk & Dinner

19:15 – 19:45

Evening Pre-Dinner Talk

Getting scientists and physicians to talk to each other

Geoff Laurent (London, GB)

Saturday March 27, 2010

- 08:45 – 11:30** **Session IV: Allergic lung disease**
- 08:45 – 09:05** **Genes, mechanisms and new therapies for asthma**
William Cookson (London, GB)
- 09:05 – 09:20** **Discussion**
- 09:20 – 09:35** **Oral Presentation 7**
- 09:35 – 10:05** ***Coffee break***
- 10:05 – 10:25** **Innate immunity and the development of atopy**
Torben Sigsgaard (Aarhus, DK)
- 10:25 – 10:40** **Discussion**
- 10:40 – 10:55** **Oral Presentation 8**
- 10:55 – 11:15** **Genetics of childhood versus adult asthma: common and unique factors**
Michael Kabesch (Hannover, DE)
- 11:15 – 11:30** **Discussion**
- 11:30 – 12:45** **Young Investigator Award Session**
- 11:30 – 11:45** **Oral Presentation (YS) 9**
- 11:45 – 12:00** **Oral Presentation (YS) 10**
- 12:00 – 12:15** **Oral Presentation (YS) 11**
- 12:15 – 12:30** **Oral Presentation (YS) 12**
- 12:30 – 12:45** **Oral Presentation (YS) 13**
- 12:45** **Group picture (with all participants)**
- 13:00** **Mentorship lunch for bursary recipients and their mentees**
- 15:00** **Afternoon activity**

Sunday March 28, 2010

08:45 – 10:55 **Session V: Lung injury**

- 08:45 – 09:05** **Inflammatory mechanisms in acute lung injury**
Joe Garcia (Chicago, USA)
- 09:05 – 09:20** **Discussion**
- 09:20 – 09:35** **Oral Presentation 14**
- 09:35 – 09:55** **Genetics and biological pathways in interstitial lung**
David Schwartz (Denver, USA)
- 09:55 – 10:10** **Discussion**
- 10:10 – 10:25** **Oral Presentation 15**
- 10:25 – 10:55** ***Coffee break***

10:55 – 12:20 **Session VI: Cystic fibrosis**

- 10:55 – 11:15** **Targeting CFTR as a therapy for cystic fibrosis**
Margarida Amaral (Lisbon, PT)
- 11:15 – 11:30** **Discussion**
- 11:30 – 11:45** **Oral Presentation 16**
- 11:45 – 12:05** **Genetic modifiers of infection and inflammation in cystic fibrosis**
Chris Karp (Cincinnati, USA)
- 12:05 – 12:20** **Discussion**

12:20 – 12:50 **Awards Ceremony and conclusion**

Geoff Laurent (London, GB)

12:50 ***Lunch & Departure***