

ERS/GA²LEN Research Seminar
“Post Genome Respiratory Epidemiology II:
An Interdisciplinary Challenge”
November 6 - 8, 2008 Cernay, France

SCIENTIFIC PROGRAMME

Wednesday November 5, 2008

- 19:00 **Welcome**
 Francine Kauffmann (Villejuif, France)
- 20:30 **Dinner**

Thursday November 6, 2008

Session I (Part I): Asthma, current and post genome wide association period

Chairs:(TBD)

- 09:00 - 09:30 **GWA to study the genetics of asthma and in other diseases - advances and challenges**
 Bill Cookson (London, UK)
- 09:30 - 09:45 *Interim discussion*
- 09:45 - 10:15 **Gene-environment interactions in asthma in the GWA era**
 Fernando Martinez (Tucson AZ, USA)
- 10:15 - 10:45 *General discussion*
- 10:45 - 11:00 **Coffee Break**
- 11:00 - 12:30 **Break-out sessions**
 Break-out session A1:
 Evaluation of Interactions in genetic epidemiology - Gene-environment interaction
 Break-out session A2:
 Evaluation of Interactions in genetic epidemiology - Gene-gene interaction
- 12:30 - 14:00 **Lunch**

This programme is subject to change

Session I (Part II): Genetics of COPD and other complex diseases

Chairs: (TBD)

14:00 - 14:30	COPD - Current challenges Dirkje Postma (Gröningen, Netherlands)
<i>14:30 - 14:45</i>	<i>Interim discussion</i>
14:45 - 15:15	Crohn's disease, perspective of another complex disease Michel Georges (Liège, Belgium)
<i>15:15 - 15:45</i>	<i>General discussion</i>
15:45 - 16:00	Coffee Break
16:00 - 17:30	Break-out sessions
	Break-out session B1: Strategies - Omics vs. pathways approaches
	Break-out session B2: Strategies - Topic based on participants proposals
20:00	Dinner

Friday November 7, 2008

Session II (Part I): Public health and ethics

Chairs: (TBD)

09:00 - 09:30	Public health: the challenge of translation Muin Khoury (Atlanta GA, USA)
<i>09:30 - 09:45</i>	<i>Interim discussion</i>
09:45 - 10:15	Ethical issues in genetic research Anne Cambon-Thomsen (Toulouse, France)
<i>10:15 - 10:45</i>	<i>General discussion</i>
10:45 - 11:00	Coffee Break
11:00 - 12:30	Report of break-out sessions
	Report of break-out session A: Evaluation of Interactions in genetic epidemiology
	Report of break-out session B: Strategies
12:30 - 14:00	Lunch This programme is subject to change

Session II (Part II): Statistical challenges

Chairs: (TBD)

14:00 - 14:30	Genome wide associations Duncan Thomas (Durham, NC, USA)
<i>14:30 - 14:45</i>	<i>Interim discussion</i>
14:45 - 15:15	Pitfalls in association studies David Balding (London, UK)
<i>15:15 - 15:45</i>	<i>General discussion</i>
15:45 - 16:00	Coffee Break
16:00 - 17:30	Break-out sessions Break-out session C1: Statistical issues related to analysis of small and large SNP databases and other methodological issues Break-out session C2: Topic based on participants proposals
20:00	Dinner

Saturday November 8, 2008

Session III: Pathways - Global and local approaches

Chairs: (TBD)

09:00 - 09:30	From genome to proteome Ivo Gut (Paris, France)
<i>09:30 - 09:45</i>	<i>Interim discussion</i>
09:45 - 10:15	How to study pathways Donata Vercelli (Tucson AZ, USA)
<i>10:15 - 10:45</i>	<i>General discussion</i>
10:45 - 11:00	Coffee Break
11:00 - 11:45	Report of break-out sessions C1 and C2
11:45 - 12:30	Summary - Conclusions - Adjourns Francine Kauffmann (Villejuif, France) & Manolis Kogevinas (Barcelona, Spain)

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