



French-German Symposium: The lung at the crossroad of health and disease

April 7th, 2017

Auditorium Biopark
(11 rue Watt, Paris 13^e)

in partnership with the German Center for Lung Research (DZL)

- ▶ 9:50-10:00 **Opening ceremony**
Christian Boitard (Director ITMO Pathophysiology, Metabolism, Nutrition)

Session 1: Bronchial and pulmonary remodeling

Chair: Marina Pretolani (UMR 1152 Inserm, Paris), Anne Tsicopoulos (UMR 1019 Inserm, Lille) & Pascal Chanez (UMR 1067 Inserm, 7333 CNRS, Marseille)

- ▶ 10:00-10:25 Reactivation of Developmental Transcription Factors in Idiopathic Pulmonary Fibrosis
Arnaud Mailleux (UMR 1152 Inserm, Paris)
- ▶ 10:25-10:50 Pulmonary fibrosis and Heat shock protein
Philippe Bonniaud (UMR 1231 Inserm, Dijon)
- ▶ 10:50-11:15 Bronchial epithelium: a key player in severe asthma
Delphine Gras (UMR 1067 Inserm, 7333 CNRS, Marseille)
- ▶ 11:15-11:40 Role of epithelium-smooth muscle interaction in asthma
Thomas Trian (UMR 1045 Inserm, Bordeaux)
- ▶ 11:40-12:05 Regulation of proteostasis in chronic lung disease
Silke Meiners (Institute of Lung Biology and Disease, Comprehensive Pneumology Center, Munich)
- ▶ 12:05-12:30 Origin and fate of the mesenchymal cells in the lung during development and disease
Saverio Bellusci (German Center for Lung Research, Universities of Giessen and Marburg Lung Center, Giessen)
- ▶ 12:30-13:30 **Lunch**

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Session 2: Pulmonary Circulation

Chair: Christelle Guibert (UMR 1045 Inserm, Bordeaux) & **Christophe Guignabert** (UMR 999 Inserm, Paris)

- ▶ 13:30-13:55 KCNK3 dysfunction contributes to the development of pulmonary arterial hypertension
Fabrice Antigny (UMR 999 Inserm, Paris)
- ▶ 13:55-14:20 mTOR Pathway Activation Drives Lung-Cell Senescence and Emphysema in Chronic Obstructive Pulmonary Disease
Amal Houssaini (UMR 955 Inserm, Créteil & Comprehensive Pneumology Center, Munich)
- ▶ 14:20-14:45 Matrix remodeling forces pulmonary hypertension: A very stiff story!
Thomas Bertero (UMR 7284 CNRS - UMR 1081 Inserm, Nice)
- ▶ 14:45-15:10 Epigenetic mechanisms in pulmonary hypertension: A Global perspective
Soni Pullamsetti (Max-Planck Institute for Heart and Lung Research, Bad Nauheim)
- ▶ 15:10-15:30 **Coffee-break**

Session 3: Infection - Cystic fibrosis - Environment

Chair: Mustapha Si-Tahar (UMR 1100 Inserm, Tours) & **Valérie Siroux** (UMR 1209 Inserm, Grenoble)

- ▶ 15:30-15:55 Novel regulation of the Cystic Fibrosis Transmembrane conductance Regulator (CFTR) chloride channel
Arnaud Billet (ERL 7368 CNRS, Poitiers)
- ▶ 15:55-16:20 Genomic mechanisms controlling the differentiation of a mucociliary epithelium
Pascal Barbry (UMR 7275 CNRS, Nice)
- ▶ 16:20-16:45 Chronic obstructive pulmonary diseases: the influence of diet
Raphaëlle Varraso (UMR 1168 Inserm, Villejuif)
- ▶ 16:45-17:10 Environmental and mucosal microbiota and their role in childhood asthma
Erika Von Mutius (German Center for Lung Research, Comprehensive Pneumology Center, Munich)
- ▶ 17:10 **Conclusion**
Marc Humbert (UMR 999 Inserm, Paris) & **Roger Marthan** (UMR 1045 Inserm, Bordeaux)

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