ERS Research Seminar

Pulmonary Vascular Endothelium: Orchestra Conductor in Respiratory Diseases - Highlights from Basic Research to Therapy

27 – 28 October 2016 – Paris, France

(Scientific Programme as of 8 July 2016)

Thursday, 27 October 2016

Introducing session
Chair: Alice Huertas and Christophe Guignabert

09.15 – 09.30  Welcome and Introduction
09.30 – 10.15  The pulmonary endothelium in health and diseases – Jahar Bhattacharya, USA

Session I: Hypoxia and pulmonary endothelium
Chair: TBC

10.20 – 10.50  Pulmonary endothelial dysfunction in chronic obstructive pulmonary disease – Joan A. Barberà, Spain
10.50 – 11.05  Young investigator oral presentation (to be selected)
11.05 – 11.35  Pulmonary vascular response to chronic hypoxia – Martin Wilkins, UK
11.35 – 12.00  General discussion

12.00 – 13.30  Lunch break

13.30 – 14.30  Poster Session

Session II: Pathomechanisms contributing to systemic and/or pulmonary endothelial dysfunction: Potential biomarkers?
Chair: TBC

14.30 – 15.00  New molecular targets of pulmonary vascular remodeling: Importance of endothelial communication – Christophe Guignabert, France
15.00 – 15.15  Young investigator oral presentation (to be selected)
15.15 – 15.45  Circulating endothelial progenitor cells: lessons from the systemic vasculature – Ugo Testa, Italy
15.45 – 16.10  General discussion
Friday, 28 October 2016

**Session III: Targeting pulmonary endothelial dysfunction in lung diseases**
Chair: TBC

- **09.00 – 09.30**  **Endothelial cell metabolism and angiogenesis** – TBC
- **09.30 – 09.45**  Young investigator oral presentation (to be selected)
- **09.45 – 10.15**  **Endothelial dysfunction in hematological disorders** – Mark Gladwin, USA
- **10.15 – 10.35**  General discussion
- **10.35 – 11.00**  *Coffee break*
- **11.00 – 11.30**  **Pulmonary endothelium and its role in regulating vascular tone** – Anh-Tuan Dinh-Xuan, France
- **11.30 – 12.00**  **Endothelial dysfunction in High Altitude Pulmonary Edema: Risk factors and Biomarkers** – Peter Bärtsch, Germany
- **12.00 – 12.30**  **Innovative therapies in Pulmonary Hypertension** – Marc Humbert, France
- **12.30**  General discussion
- **Remarks and Conclusion**
- **13.00**  Lunch boxes available on departure