

Fundamentals of Lung Biology and Physiology

September 26, 2018

- 11:00 – 12:00 Introduction - Research School Program 2018
Doreen Franke, Claudia Staab-Weijnitz
- 12:00 – 12:30 Lunch
- 12:30 – 14:30 Lung Structure and Function
Georgios Stathopoulos
- 14:30 – 14:45 Break
- 14:45 – 16:45 Lung Cancer
Georgios Stathopoulos
- 17:00 Welcome Get-together & Graduation Ceremony
Doreen Franke, Claudia Staab-Weijnitz

September 27, 2018

- 09:00 – 10:00 Lung Development and Neonatal Lung Disease
Prajakta Oak
- 10:00 – 10:30 Lung Structural Cells I: Alveolar and Bronchial Epithelial Cells
Claudia Staab-Weijnitz
- 10:30 – 11:00 Lung Structural Cells II: Endothelial Cells and Fibroblasts
Gerald Burgstaller
- 11:00 – 11:15 Break
- 11:15 – 11:45 Lung Immune Cells I: Monocytes, Macrophages, DCs, and Neutrophils
Isis Fernandez, Flavia Greiffo
- 11:45 – 12:15 Lung Immune Cells II: T and B Lymphocytes
Tom Conlon
- 12:15 – 13:00 Clinical Diagnosis of Chronic Lung Disease
Katrin Milger

September 28, 2018

- 09:00 – 10:00 Asthma
Ulrich Zissler
- 10:00 - 11:00 Introduction to Epidemiology - Focus on Air Pollution and Lung Disease
Stefan Karrasch
- 11:00 – 12:00 Environmental Challenges for the Lung
Tobias Stöger
- 12:00 – 13:00 Lunch Break
- 13:00 – 14:00 Aerosol Deposition in the Lung and (Pre)clinical Inhalation Techniques
Otmar Schmid
- 14:00 – 15:00 Chronic Lung Diseases: COPD, IPF
Ilona Kammerl, Vanessa Welk
- 15:00 – 15:15 Break
- 15:15 – 16:00 Introduction/Instructions “Methods in Translational Research”
Claudia Staab-Weijnitz