

Munich International Autumn School for Respiratory Medicine 2018

Monday - November 26, 2018	
Location: Comprehensive Pneumology Center, Max-Lebsche-Platz 31, 81377 Munich	
14:00-14:30	Arrival & Welcome Coffee
14:30-16:00	MIAS 2018 - Welcome and Introduction, Dr. Antje Brand, Christina Bielmeier, Dr. Doreen Franke, PD Dr. Claudia Staab-Weijnitz
16:00-17:00	Opening Lecture: <i>Transition from health to disease: Lung function and its determinants in the general population</i> , Dr. Stefan Karrasch (Helmholtz Zentrum München, Institute for Epidemiology, Germany)
17:00-19:00	Poster Session, Networking Event & Meet-the-Experts (Snacks provided)

Tuesday - November 27, 2018			
Location: Comprehensive Pneumology Center, Max-Lebsche-Platz 31, 81377 Munich			
	GROUP A	GROUP B	GROUP C
09:00-10:00	Morning Lecture: <i>Functionally adapting to high oxygen at birth: A maladaptive response later in life</i> , Prof. Dr. Michael O'Reilly (Department of Pediatrics and Environmental Medicine, School of Medicine and Dentistry, The University of Rochester, New York, USA)		
10:00-12:30	Training Module <i>Building a New Lung, De- and Recellularisation, 3D Live Cell and Tissue Imaging</i> , <u>Dr. Gerald Burgstaller</u> , Arunima Sengupta	Training Module <i>Primary Cell Isolation, Cell Culture and Single Cell Analysis - Lung Cells</i> , <u>Dr. Mareike Lehmann</u> , Christoph Mayr, Maximilian Strunz	Training Module <i>Primary Cell Isolation, Flow Cytometry and Cell Culture - Immune Cells</i> , Ivette Bastidas, Daniela Dietel, <u>Dr. Isis Fernandez</u> , Flavia Greiffo
12:30-12:45	Break		
12:45-13:45	Lunch Lecture: <i>Regeneration of tissues & organs: From analysis to synthesis</i> , Dr. Yuval Rinkevich (Comprehensive Pneumology Center, Research Group Cellular Therapeutics in Chronic Lung Disease, Munich, Germany)		
13:45-17:45	Training Module <i>Building a New Lung, De- and Recellularisation, 3D Live Cell and Tissue Imaging</i>	Training Module <i>Primary Cell Isolation, Cell Culture and Single Cell Analysis - Lung Cells</i>	Training Module <i>Primary Cell Isolation, Flow Cytometry and Cell Culture - Immune Cells</i>
17:45-18:00	Coffee Break		
18:00-19:00	Evening Lecture: <i>Learning about structure and function in neonatal chronic lung disease - Animal models and their translation</i> , PD Dr. Anne Hilgendorff (Comprehensive Pneumology Center, Research Group Lung Development, Munich, Germany)		

Wednesday - November 28, 2018			
Location: Comprehensive Pneumology Center + Clinics			
	GROUP A	GROUP B	
08:30-09:30	Morning Lecture: <i>Molecular and cellular composition of the lung – from mass spectrometry driven proteomics to single cell transcriptomics</i> , Dr. Herbert Schiller (Comprehensive Pneumology Center, Research Group Systems Medicine of Chronic Lung Diseases, Munich, Germany)		
09:30	Transportation to Gauting (please meet Max Strunz in front of the seminar room)	Walk to clinic (please meet Thomas Meul in front of the seminar room)	

10:00-17:00	Clinical Visit - Asklepios Hospital Munich-Gauting , <u>Prof. Dr. Jürgen Behr</u> , Dr. Wolfgang Gesierich	Clinical Visit - Ludwig Maximilians University Hospital Munich - Großhadern + City Center , Prof. Dr. Rudolf Hatz, <u>Dr. Nikolaus Kneidinger</u> , PD Dr. Gerhard Preissler, Dr. Amanda Tufman	--> A/B
17:00-17:30	Coffee Break		
17:30-18:30	Evening Lecture: Title TBA , Dr. Tushar Desai (Pulmonary & Critical Care Medicine Stanford University, USA)		

Thursday - November 29, 2018

Location: Helmholtz Zentrum München, Institute of Lung Biology and Disease, Seminar room 221 in building 3534, Ingolstädter Landstraße 1, 85764 Neuherberg (Get there by taking the U6 (exit *Sendlinger Tor*), switch to U2 towards *Feldmoching* (exit *Am Hart*), take Bus 294 or 295 (exit at *Helmholtz Zentrum*))

	GROUP A	GROUP B	GROUP C
09:00-10:00	Morning Lecture: Environmental Challenges for the Lung , Dr. Tobias Stöger (Comprehensive Pneumology Center, Research Group Dynamics of Inflammatory Lung Diseases, Munich, Germany)		
10:00-12:00	Training Module Animal models and aerosolized drug delivery , Carolina Ballester Lopez, <u>Dr. Tom Conlon</u> , Christine Hollauer, David Kutschke, Carmela Morrone, Dr. Otmar Schmid, Lin Yang		
12:00-13:00	Lunch (Mensa, Neuherberg Campus)		
13:00-17:00	Training Module Animal models and aerosolized drug delivery		
19:30-00:00	Dinner / Get-Together / Networking at The Caribbean Embassy (Film Casino, Odeonsplatz 8, 80539 München - Get there by taking the U6 to Odeonsplatz)		

Friday - November 30, 2018

Location: Comprehensive Pneumology Center + Clinics

	GROUP A	GROUP B	GROUP C
09:30-10:30	Morning Lecture: Title TBA , Dr. Souheil Y. El-Chemaly (Pulmonary and Critical Care Medicine, Brigham and Women's Hospital, Boston, USA)		
10:30-13:00	Clinical Visit - Ludwig Maximilians University Hospital Munich - Großhadern , Neonatology, PD Dr. Anne Hilgendorff, <u>Dr. Prajakta Oak</u>	Training Module Screening Assays in Regenerative Medicine , Simon Christ, <u>Dr. Adrian Fischer</u>	
13:00-14:00	Lunch, Feedback, and Certificates		
14:00-16:00		Training Module Screening Assays in Regenerative Medicine	