

## Munich International Autumn School for Respiratory Medicine 2018

<b>Monday - November 26, 2018</b>	
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	<b>Opening Lecture:</b> <i>Transition from health to disease: Lung function and its determinants in the general population</i> , <b>Dr. Stefan Karrasch</b> (Helmholtz Zentrum München, Institute for Epidemiology, Germany)
17:00-19:00	Poster Session, Networking Event & Meet-the-Experts (Snacks provided)

<b>Tuesday - November 27, 2018</b>			
Location: Comprehensive Pneumology Center, Max-Lebsche-Platz 31, 81377 Munich			
	GROUP A	GROUP B	GROUP C
09:00-10:00	<b>Morning Lecture:</b> <i>Of mice and men: Connecting the dots between basic lung biology and respiratory disease</i> , <b>Dr. Tushar Desai</b> (Pulmonary & Critical Care Medicine Stanford University, USA)		
10:00-12:30	<b>Training Module <i>Building a New Lung, De- and Recellularisation, 3D Live Cell and Tissue Imaging</i></b> , <u>Dr. Gerald Burgstaller</u> , Arunima Sengupta	<b>Training Module <i>Primary Cell Isolation, Cell Culture and Single Cell Analysis - Lung Cells</i></b> , Ilias Angelidis, <u>Dr. Mareike Lehmann</u> , Christoph Mayr, Maximilian Strunz	<b>Training Module <i>Primary Cell Isolation, Flow Cytometry and Cell Culture - Immune Cells</i></b> , Ivette Bastidas, Daniela Dietel, <u>Dr. Isis Fernandez</u> , Flavia Greiffo, Valeria Viteri
12:30-12:45	Break		
12:45-13:45	<b>Lunch Lecture:</b> <i>Regeneration of tissues &amp; organs: From analysis to synthesis</i> , <b>Dr. Yuval Rinkevich</b> (Comprehensive Pneumology Center, Research Group Cellular Therapeutics in Chronic Lung Disease, Munich, Germany)		
13:45-17:45	<b>Training Module <i>Building a New Lung, De- and Recellularisation, 3D Live Cell and Tissue Imaging</i></b>	<b>Training Module <i>Primary Cell Isolation, Cell Culture and Single Cell Analysis - Lung Cells</i></b>	<b>Training Module <i>Primary Cell Isolation, Flow Cytometry and Cell Culture - Immune Cells</i></b>
17:45-18:00	Coffee Break		
18:00-19:00	<b>Evening Lecture:</b> <i>Learning about structure and function in neonatal chronic lung disease - Animal models and their translation</i> , <b>PD Dr. Anne Hilgendorff</b> (Comprehensive Pneumology Center, Research Group Lung Development, Munich, Germany)		

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

10:00-17:00	<b>Clinical Visit - Asklepios Hospital Munich-Gauting</b> , <u>Prof. Dr. Jürgen Behr</u> , Dr. Wolfgang Gesierich	<b>Clinical Visit - Ludwig Maximilians University Hospital Munich - Großhadern + City Center</b> , 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	<b>Evening Lecture: <i>Functionally adapting to high oxygen at birth: A maladaptive response later in life</i></b> , <b>Prof. Dr. Michael O'Reilly</b> (Department of Pediatrics and Environmental Medicine, School of Medicine and Dentistry, The University of Rochester, New York, 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	<b>Morning Lecture: <i>Environmental Challenges for the Lung</i></b> , <b>Dr. Tobias Stöger</b> (Comprehensive Pneumology Center, Research Group Dynamics of Inflammatory Lung Diseases, Munich, Germany)		
10:00-12:00	<b>Training Module <i>Animal models and aerosolized drug delivery</i></b> , Carolina Ballester Lopez, <u>Dr. Tom Conlon</u> , Carmela Morrone, Sezer Orak, PD Dr. Markus Rehberg, Dr. Otmar Schmid		
12:00-13:00	Lunch (Mensa, Neuherberg Campus)		
13:00-17:00	<b>Training Module <i>Animal models and aerosolized drug delivery</i></b>		
19:30-00:00	Dinner / Get-Together / Networking at the <b>Caribbean Casino</b> (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	<b>Morning Lecture: <i>Modulating the lymphatic/hyaluronan axis to treat lung allograft rejection</i></b> , <b>Dr. Souheil Y. El-Chemaly</b> (Pulmonary and Critical Care Medicine, Brigham and Women's Hospital, Boston, USA)		
10:30-13:00	<b>Clinical Visit - Ludwig Maximilians University Hospital Munich - Großhadern</b> , Neonatology, Prof. Dr. Andreas Flemmer, <u>Dr. Doreen Franke</u> , PD Dr. Anne Hilgendorff	<b>Training Module <i>Screening Assays in Regenerative Medicine</i></b> , Simon Christ, <u>Dr. Adrian Fischer</u>	
13:00-14:00	Lunch, Feedback, and Certificates		
14:00-16:00	<b>Training Module <i>Screening Assays in Regenerative Medicine</i></b>		