

CRC1213 Seminar Series, funding period 2016-2020: dates and speakers

guest speakers marked in blue

Date - Place	Speaker – Institution	Title
2016-10-25 Gießen	Soni Savai-Pullamsetti, MPI Bad Nauheim and JLU Gießen	FoxO transcription factors in PH: critical integrators of multiple signaling pathways driving vascular remodeling
2016-11-08 Gießen	Elie El Agha, JLU Gießen	Origin and fate of vascular myofibroblasts and smooth muscle cells during pulmonary vascular remodeling and reverse remodeling
2016-11-22 Gießen	Norbert Weißmann, JLU Gießen	iNOS based redox signaling in COPD associated PH – pathomechanisms and therapeutic exploitation
2016-12-06 Gießen	Megan Rice, MPI Bad Nauheim	Deciphering the role of BMP9 and BMP10 in pulmonary hypertension and right ventricular hypertrophy
2016-12-20 Gießen	Natascha Sommer, JLU Gießen	Sensing and signaling events underlying development and recovery of hypoxia-induced pulmonary hypertension
2017-01-17 Gießen	Joachim Fandrey, University Duisburg-Essen	When the going gets tough – cellular life and work under hypoxia
2017-01-31 Bad Nauheim	Sven Reischauer, MPI Bad Nauheim	Analysis of ventricular hypertrophy under physiological and pathological conditions in the zebrafish model
2017-02-14 Gießen	Peter Dorfmueller, Hôpital Marie Lannelongue (Université Paris-Sud)	(Interactions of) Pulmonary and bronchial circulation in pulmonary vascular diseases
2017-02-28 Bad Nauheim	Ralph Schermuly, JLU Gießen	Receptor tyrosine kinase signaling driving “pseudo-malignant” lung vascular remodeling – therapeutic exploitation
2017-03-14 Bad Nauheim	Prakash Chelladurai, MPI Bad Nauheim	Regulatory network of histone modifications in human pulmonary arterial hypertension
2017-03-28 Gießen	Max Gassmann, University of Zurich	Adapting to high altitude
2017-04-11 Bad Nauheim	Henning Gall, JLU Gießen	Genetic variation in soluble guanylate cyclase: role in pulmonary hypertension and implications for the response to therapy
2017-04-25 Bad Nauheim	Hui Qi, MPI Bad Nauheim	Epigenetic control of pulmonary vessels and the right heart in development and disease: the role of Suv4-20h1
2017-05-09 Bad Nauheim	Tatyana Novoyatleva, JLU Gießen	The role of HIF-1 and its regulators p53 and Smyd2 in right ventricular hypertrophy and failure
2017-05-23 Bad Nauheim	Susanne Rohrbach/ Michael Kracht, JLU Gießen	Signal-mediated chromatin changes in right heart failure
2017-06-20 Gießen	Robert Naéije, Free University of Brussels	The Right Ventricle in Pulmonary Hypertension: advances and unresolved issues
2017-08-29 Gießen	Lienhard Schmitz/ Susanne Rohrbach, JLU Gießen	Elucidating the contribution of SIAH2 to the development of cor pulmonale
2017-09-12 Gießen	Oliver Dörr/ Leili Jafari, JLU Gießen	Selective biomarkers for right heart hypertrophy and failure
2017-09-26 Gießen	Christian Troidl, JLU Gießen	BioCTEPH - Biobank of human right ventricular tissue and blood specimens from CTEPH patients
2017-10-10 Gießen	Harm-Jan Bogaard, University Medical Center (VUmc) Amsterdam	Long road towards precision medicine in pulmonary hypertension

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2017-10-24 Gießen	Rory E. Morty, Agnieszka Pozarska, MPI Bad Nauheim	The role of betaglycan in pulmonary vascular development and homeostasis
2017-11-07 Gießen	Dino Giussani, University of Cambridge	Breath of Life: Intergenerational Programming of Heart Disease by Prenatal Hypoxia
2017-11-22 Gießen	Khodr Tello JLU Gießen	Impact of standard PH therapies on right heart function – comparison of riociguat and macitentan
2017-12-05 Gießen	Michelle Tallquist, University of Hawaii Cancer Center	Fibroblast signaling from development to disease
2018-01-16 Gießen	Thomas Braun, MPI Bad Nauheim and JLU Gießen	Deciphering the role of BMP9 and BMP10 in pulmonary hypertension and right ventricular hypertrophy
2018-01-30 Gießen	Marc Humbert, Université Paris-Sud & Hospital Antoine Bécclère	Ectopic upregulation of Membrane-bound IL6R and Pulmonary Vascular Remodeling in PAH
2018-02-13 Bad Nauheim	Elie El Agha, JLU Gießen	Origin and fate of vascular myofibroblasts and smooth muscle cells during pulmonary vascular remodeling and reverse remodeling
2018-02-27 Bad Nauheim	Natascha Sommer, JLU Gießen	Sensing and signaling events underlying development and recovery of hypoxia-induced pulmonary hypertension
2018-03-13 Bad Nauheim	Prakash Chelladurai, MPI Bad Nauheim	Regulatory network of histone modifications in human pulmonary arterial hypertension
2018-03-27 Gießen	Danny Jonigk, FRCPath Hannover Medical School	Pulmonary hypertension – the pathologist's perspective
2018-04-10 Gießen	Rainer Schulz, JLU Gießen	Importance of mitochondrial ROS for the development and progression of right heart failure
2018-05-08 Gießen	Simone Kraut, JLU Gießen	iNOS based redox signaling in COPD associated PH – pathomechanisms and therapeutic exploitation
2018-05-22 Gießen	Sven Reischauer, MPI Bad Nauheim	Analysis of ventricular hypertrophy under physiological and pathological conditions in the zebrafish model
2018-06-05 Gießen	Malte Kelm, University Hospital Düsseldorf	Anemia and red blood cell function in acute myocardial infarction
2018-06-19 Gießen	Susanne Rohrbach/ Michael Kracht, JLU Gießen	Signal-mediated chromatin changes in right heart failure
2018-07-10 Bad Nauheim	Sakthivel Sadayappan, University of Cincinnati	Diastolic Dysfunction of South Asians (DOSA study): A journey from Bad Nauheim to Cincinnati, USA
2018-08-24 Bad Nauheim	Baktybek Kojonazarov, JLU Gießen	BioCTEPH - Biobank of human right ventricular tissue and blood specimens from CTEPH patients
	Soni Savai-Pullamsetti, MPI Bad Nauheim and JLU Gießen	FoxO transcription factors in PH: critical integrators of multiple signaling pathways driving vascular remodeling
	Rory E. Morty, MPI Bad Nauheim and JLU Gießen	The role of betaglycan in pulmonary vascular development and homeostasis
2018-09-04 Gießen	Zsuzsanna Helyes, University of Pécs Medical School, Hungary	Modeling cigarette smoke-induced pulmonary-, cardiac and neural co-morbidities in the mouse
2018-09-25 Gießen	Dörthe Katschinski, University Medical Center Göttingen	Oxygen sensing in the cardiovascular system

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2018-10-09 Gießen	Kai Wollert, Hans-Borst-Zentrum für Herz und Stammzellforschung, Hannover Medical School	Infarct healing as a therapeutic target: from cells to proteins and small molecules
2018-11-27 Gießen	Grazyna Kwapiszewska, Ludwig-Boltzmann-Institute Graz, Austria	Vascular remodelling: the journey of smooth muscle cells
2018-11-30 Gießen	Ralph Schermuly, JLU Gießen	Receptor tyrosine kinase signaling driving “pseudo-malignant” lung vascular remodeling – therapeutic exploitation
	H. Ardeschir Ghofrani, JLU Gießen	Genetic variation in soluble guanylate cyclase: role in pulmonary hypertension and implications for the response to therapy
	Thomas Braun MPI Bad Nauheim and JLU Gießen	Epigenetic control of pulmonary vessels and the right heart in development and disease: the role of Suv4-20h1
2018-12-04 Gießen	Dr. Stefan Gräf, Department of Medicine, University of Cambridge	Whole-genome sequencing paves the way for precision medicine: the pulmonary arterial hypertension point of view
2019-02-15 Gießen	Tatyana Novoyatleva, JLU Gießen	The role of HIF-1 and its regulators p53 and Smyd2 in right ventricular hypertrophy and failure
	Stanislav Keranov, JLU Gießen	Selective biomarkers for right heart hypertrophy and failure
	Lienhard Schmitz/ Susanne Rohrbach, JLU Gießen	Elucidating the contribution of SIAH2 to the development of cor pulmonale
2019-05-24 Gießen	Klaus-Dieter Schlüter, JLU Gießen	Importance of mitochondrial ROS for the development and progression of right heart failure
	Manuel Richter, JLU Gießen	Impact of standard PH therapies on right heart function – comparison of riociguat and macitentan
	Eckhard Mayer, Campus Kerckhoff	BioCTEPH - Biobank of human right ventricular tissue and blood specimens from CTEPH patients
2019-06-17 Gießen	Dr. Garry A. Piazza, Mitchell Cancer Institute, University of Alabama, USA	A chemical-biology approach using the sulindac indene scaffold to identify novel inhibitors of β -catenin or RAS signaling in cancer cells
2019-09-13 Gießen	Baktybek Kojonazarov, JLU Gießen	BioCTEPH - Biobank of human right ventricular tissue and blood specimens from CTEPH patients
	Ralph Schermuly, JLU Gießen	Receptor tyrosine kinase signaling driving “pseudo-malignant” lung vascular remodeling – therapeutic exploitation
	Thomas Braun MPI Bad Nauheim and JLU Gießen	Deciphering the role of BMP9 and BMP10 in pulmonary hypertension and right ventricular hypertrophy
2019-10-29 Gießen	Prof. Agnes Görlach, Department TUM School of Medicine, Technical University of Munich	Bound by fate: ROS and hypoxia signaling in the cardiovascular system
2019-11-18 Gießen	Dr. David Warburton, Childrens Hospital of Los Angeles	On topography of the pulmonary gas diffusion surfaces and real world exposures