## **Registration form**

#### Forum Niedersachsen

Medical Park Hannover, Feodor-Lynen-Straße 27. 30625 Hannover, Germany

In order to participate, please complete this form and fax or email the completed form until November 1, 2018 to

+49-511-532-18561 or to KF0311@mh-hannover.de

Name Address

Signature/stamp

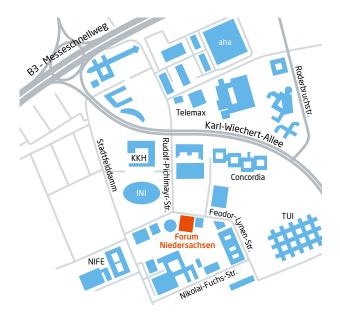
Phone

Email

#### **Contact details**

Administrative coordinator of KFO311:

Dr. Dorothee von Witzendorff Medizinische Hochschule Hannover, Klinik für Kardiologie und Angiologie Carl-Neuberg-Str. 1, 30625 Hannover, Germany Phone: +49-511-532-3597, Fax: +49-511-532-18561 KF0311@mh-hannover.de



#### Organized by:



Clinical Research Group 311

### Supported by:



German Research Foundation

In cooperation with "AG Herzinsuffizienz" of the German Cardiac Society.



# **International Symposium**

**Cardiac and pulmonary failure:** mechanical unloading and repair









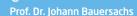
# Dear colleagues,

We would like to invite you to our first International Symloading and repair" organized by our Clinical Research Unit (Klinische Forschergruppe, KFO 311). The meeting will be held on 23rd and 24th November 2018 in the Forum Niedersachsen in Hannover. We focus on mechanical support and novel therapies for acute or advanced heart and lung failure (www.kfo311.de/en).

tures from renowned national and international experts to stimulate discussion in the exciting and quickly emerging organ failure. This symposium will focus on (i) insight into the biological effects of mechanical unloading in end-stage cardiac and pulmonary failure, (ii) discovery of novel biologinnovative applications and evidence-based development of future unloading and support strategies.

The symposium is addressed to basic researchers, translational scientists and physicians involved in the investigalung failure.

We hope to welcome you in Hannover for this exciting meeting and to contribute to the scientific discussion.



Prof. Dr. Axel Haverich

Prof. Dr. Tibor Kempf

Prof. Dr. Tobias Welte

# Friday, November 23, 2018

	bor Kempf, Hannover elcome
Ch	ardiac and pulmonary failure nair: Axel Haverich, Hannover/ ndreas Schäfer, Hannover
Ad	exandre Mebazaa, Paris cute heart failure: esence and future
Ad	ank Ruschitzka, Zürich dvanced heart failure: what should we insider beyond the guidelines
Ex	aus Rabe, Grosshansdorf kacerbation: The driver of disease logression in pulmonary diseases
17:00 - 17:20 Cd	offee break
<mark>fa</mark> Ch	ological mechanisms of organ ilure and mechanical unloading nair: Ina Gruh, Hannover/ ephan E. Lehnart, Göttingen
	alph Schermuly, Gießen athophysiology of right heart failure
In	orian Leuschner, Heidelberg flammatory response in yocardial infarction
	dam Wende, Birmingham, USA etabolic remodeling of the failing heart
	bor Kempf, Hannover on deficiency aggravates heart failure

Session 3	Mechanical circulatory support: myo- cardial recovery and novel opportunities Chair: Christian Putensen, Bonn/ Jan D. Schmitto, Hannover
09:00 - 09:30	Jacob Eifer Møller, Odense Impella ventricular support: scientific evidence and clinical practice

09:30 - 09:55	Tobias Welte, Hannover How pulmonary disease affects the heart
09:55 - 10:25	John Dark, Newcastle, UK "Ex" becomes "in": A new direction for ex vivo lung perfusion?
10:25 - 11:25	Coffee break / Poster Session
Session 4	Interactions and imaging in heart and lung disease Chair: Jens Vogel-Claussen, Hannover/ Johann Bauersachs, Hannover
11:25 - 11:50	Kristina Lorenz, Dortmund A kinase regulator reveals protective beta-adrenoceptor signaling pathways in heart failure
11:50 - 12:15	Antje Prasse, Hannover In vitro repair as a new treatment target: The example of pulmonary fibrosis
12:15 - 12:40	Frank M. Bengel, Hannover Molecular imaging in heart and lung failure
12:40 - 13:05	Marius Hoeper, Hannover Interaction between cardiac dysfunction and pulmonary hypertension
13:05 - 13:45	Lunch
Session 5	New therapies for advanced heart and lung failure Chair: Denise Hilfiker-Kleiner, Hannover/ Wolfram-Hubertus Zimmermann, Göttingen
13:45 - 14:10	Kai C. Wollert, Hannover  Protein-based therapies for heart failure/myocardial infarction
14:10 - 14:35	Thomas Thum, Hannover RNA-based therapies for heart failure/myocardial infarction
14:35 - 15:05	Stavros G. Drakos, Salt Lake City, USA Reverse remodeling and myocardial recovery of the failing heart
15:05 - 15:30	Ulrich Martin, Hannover Stem-cell based therapies for heart and lung failure