



Pre Symposium: "Cardiovascular Physiology"

Wednesday, March 2, 2016

13:00 – 18:00

Hörsaalgebäude Vorklinik, Hörsaal V2

13:00 – 15:30 Session 1 - What's new in cardiovascular physiology?

Chairs: Ingrid Fleming (Frankfurt); Cor de Wit (Lübeck)

Long non coding RNAs in the control of the endothelial phenotype

Matthias Leisegang (Frankfurt)

Lipid mediators in the regulation of vascular physiology and pathophysiology

Jiong Hu (Frankfurt)

Von Willebrand factor-platelet string-mediated endothelial cell-leukocyte interaction in maladaptive vascular remodelling processes

Andreas Wagner (Heidelberg)

New insights into vessel remodeling by angiotensin. Role of the endothelium

Irakli Kopaliani (Dresden)

Not just for contraction: Emerging roles for regulator of G-protein 5 in orchestrating vascular smooth muscle cell activity

Thomas Korff (Heidelberg)

Comparing phosphodiesterase-dependent cardiovascular and gastrointestinal smooth muscle relaxation

Dieter Groneberg (Würzburg)

15:30 - 16:00 Break

16:00 - 18:00 Session 2 - New (imaging) techniques in cardiovascular physiology

Chairs: Ralf Brandes (Frankfurt); Ulrich Flögel (Düsseldorf)

Magnetic nanoparticles- cell and gene therapy in the vascular system

Daniela Wenzel (Bonn)

Echocardiography

André Heinen (Düsseldorf)

PET

Sven Hermann (Münster)

MRI

Uli Flögel (Düsseldorf)

Redox Potential Imaging

Liza Swain (Göttingen)