

Cardiology Science Lunch Berlin

a weekly exchange of insights and ideas in cardiovascular medicine

mTOR Signaling in Cardiovascular Homeostasis

Prof. Dr. Duska Dragun

**Clinic for Nephrology and Intensive Care Medicine, Charité
and Berlin Institute of Health**

Featured Young Investigator

**mTORC1 modulation by single TSC2 serine is required for PKG
amelioration of cardiac stress**

Dr. Christian Oeing

Johns Hopkins Heart & Vascular Institute, Baltimore, USA

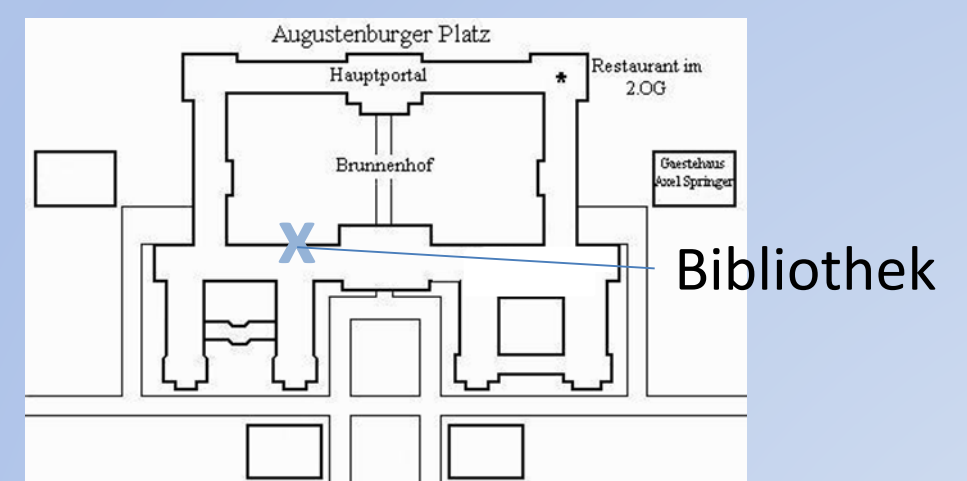
The protein kinase mTOR is an atypical serine/threonine kinase that together with other proteins forms two different multiprotein complexes, mTOR complex 1 (mTORC1) and mTOR complex 2 (mTORC2). The mTOR pathways play a key regulatory function in cardiovascular physiology and pathology. As expert in vascular and cardiorenal pathophysiology, Professor Dragun will give an overview on the role and therapeutic implications of mTOR signaling in cardiorenal disease including her own work in the field. Dr Oeing will provide first novel insights on the role of mTORC in myocardial protection from ischemia.

Wednesday, 19.12.2017

12:00 – 13:00h

Bibliothek at DHZB

Augustenburger Platz 1, Berlin



Prof. Dr. med. Frank R. Heinzel
Dr. Paulina Wakula PhD
Klinik für Innere Medizin
m.S. Kardiologie
Charité Universitätsmedizin Berlin
Campus Virchow Klinik

Prof. Dr. med. Philipp Stawowy
Klinik für Innere Medizin
und Kardiologie
Deutsches Herzzentrum Berlin

Prof. Dr. med. Burkert Pieske
Klinik für Innere Medizin
m.S. Kardiologie
Charité Universitätsmedizin Berlin
– Campus Virchow Klinik
und Deutsches Herzzentrum Berlin
Klinik für Innere Medizin –
Kardiologie

Cardiology Science Lunch Berlin
is sponsored by



Correspondence for **Cardiology Science Lunch Berlin** to: frank.heinzel@charite.de