

# Cardiology Science Lunch Berlin

a weekly exchange of insights and ideas in cardiovascular medicine

*~ since 2015 ~*

## The role of transmural electrophysiology in determining cardiac excitability and pro-arrhythmic status.



**Prof. Godfrey Smith**  
**Institute of Cardiovascular and Medical Sciences,**  
**University of Glasgow, UK**

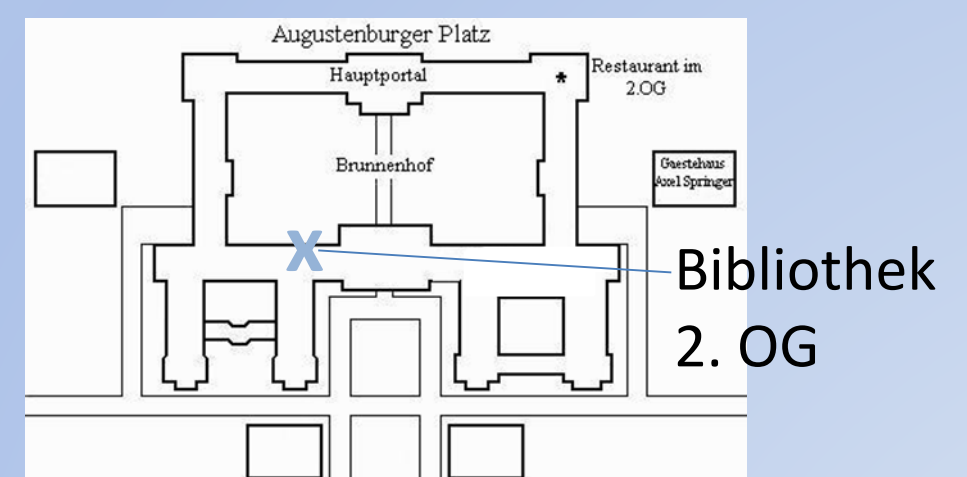
Conduction across the wall of the ventricle is a key event in the normal cardiac cycle but the underlying electrophysiology is poorly studied. The seminar will describe the use of optical dyes and advanced imaging systems to examine how LV transmural conduction is affected by post-infarction remodelling leading to increased likelihood of conduction block and VF. RV transmural conduction abnormalities are considered in the context of Brugada-like models of cardiac pathology.

**Wednesday, 27.09.2017**

**12:00 – 13:00h**

**Bibliothek at DHZB**

Augustenburger Platz 1, Berlin



### The Cardiology Science Lunch Team

from the Department of Cardiology, Charité Universitätsmedizin, Campus Virchow-Klinikum, Berlin  
and the Department of Medicine/Cardiology, Deutsches Herzzentrum Berlin

Prof. Dr. med. Frank R. Heinzel, Ph.D.

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Dr. Paulina Wakula, Ph.D.

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Prof. Dr. med. Philipp Stawowy

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