

# Cardiology Science Lunch Berlin

a weekly exchange of insights and ideas in cardiovascular medicine

## RNA-based therapy of cardiac disease

**Prof. Dr. Dr. Stefan Engelhardt**  
**Institute of Pharmacology and Toxicology, TU Munich**

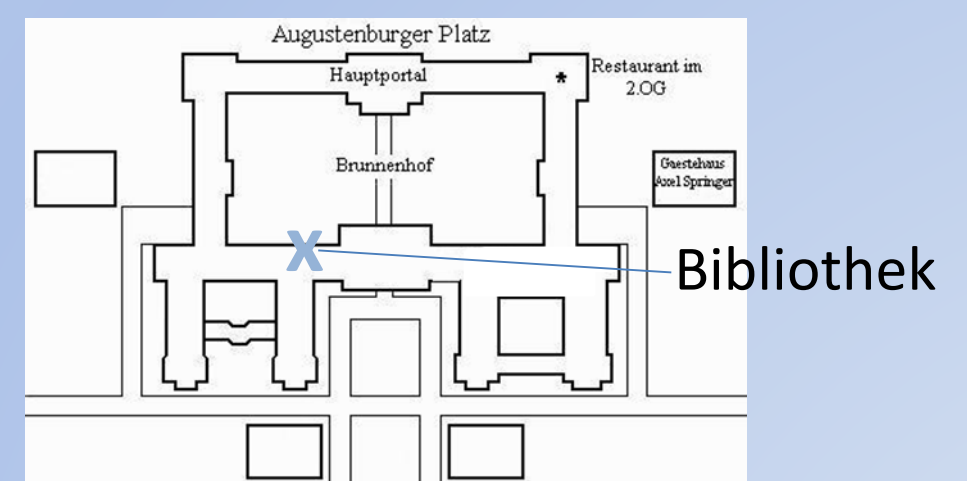
The discovery of miRNAs, small non-coding RNAs that regulate gene expression, has added an unforeseen perspective to the understanding of human diseases as well as to the development of new therapeutic agents. Our lab has delineated the mechanism of action of a number of cardiac miRNAs and has characterized their role in myocardial disease. Therapeutic manipulation of miRNAs is increasingly valued, since it features advantages over classical therapy by small molecules: due to sequence-guided target recognition, miRNA-based therapy warrants high specificity and allows to selectively control those miRNAs that are deregulated in disease. This lecture will cover several key miRNAs and report on the current state with regard to their pre-clinical development as therapeutic agents.

**Wednesday, 26.04.2017**

**12:00 – 13:00h**

**Bibliothek at DHZB**

Augustenburger Platz 1, Berlin



### The Cardiology Science Lunch Team

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