

## ■ Where

### Scientific Program

Schloss der Klinik Höhenried  
82347 Bernried

### Evening

Bayerischer Yacht-Club  
Nepomukweg 4-6  
82319 Starnberg



## ■ Contact

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# 16<sup>th</sup> Munich Heart Alliance Meeting

Wednesday, 17.07.2019



Technische Universität München

HelmholtzZentrum münchen  
Deutsches Forschungszentrum für Gesundheit und Umwelt



# ■ Scientific Program

## Schloss Höhenried

9.15 **Stefan Engelhardt**  
**Opening remarks** (Kaminzimmer)

### Session 1 - Clinical perspectives in cardiac disease (Kaminzimmer)

9.30 **Maximilian Grab** (Department of Cardiac Surgery, LMU)  
**Current status of 3D printing in cardiac surgery**

9.50 **Mathias Orban** (Department of Cardiology, LMU)  
**Tricuspid valve interventions**

10.10 **Martin Halle**  
(Department of Prevention and Sports Medicine, MRI)  
**HFpEF: Is exercise an option?**

### Coffee break (Grünes Zimmer)

### Session 2 - Genetic engineering in cardiac and skeletal muscle (Kaminzimmer)

11.00 **Anna Meier** (Department of Cardiology, MRI)  
**DMD myoediting in patient-specific iPSC models of Duchenne muscular dystrophy**

11.20 **Christian Kupatt** (Department of Cardiology, MRI)  
**Genome editing in a large animal Duchenne model**

11.40 **Nikolai Klymiuk** (Department of Cardiology, MRI)  
**Genetically modified pigs for xeno heart transplantation**

### Lunch Break (Herrenzimmer, Spiegelzimmer, Arkaden)

### Session 3 - Inflammation and metabolism in cardiovascular disease (Kaminzimmer)

13.00 **Stephan Herzig** (Institute for Diabetes and Cancer, HMGU)  
**Organ cross-talk in metabolic control**

13.20 **Deepak Ramanujam**  
(Institute of Pharmacology and Toxicology, TUM)  
**Micro-RNA-21 in cardiac resident macrophages regulates pressure overload-induced cardiac remodeling**

13.40 **Tobias Weinberger** (Department of Cardiology, LMU)  
**Quantitative contribution of embryogenic progenitors to arterial macrophages in steady state and AT2-induced inflammation**

### Poster Session (Grünes Zimmer)

14.00 **Poster Session** (incl. coffee)

### Session 4 - Mechanisms of atherosclerosis (Kaminzimmer)

15.30 **Andreas Habenicht**  
(Institute of Cardiovascular Prevention, LMU)  
**Neuroimmune cardiovascular interfaces establish atherosclerosis brain circuits (ABCs)**

15.50 **Yvonne Döring**  
(Institute of Cardiovascular Prevention, LMU)  
**The chemokine-like receptor ChemR23 in atherosclerosis**

16.10 **Sabine Steffens**  
(Institute of Cardiovascular Prevention, LMU)  
**Lipid signaling regulates B cell activation in atherosclerosis**

16.30 **Oliver Söhnlein**  
(Institute of Cardiovascular Prevention, LMU)  
**Kiss o death: neutrophil-SMC interaction fuels atherosclerosis**

# ■ Evening

## Yacht-Club Starnberg

17.45 **Welcome Reception**

### Keynote Lecture

18.30 **Roland Rad**  
(Department of Gastroenterology and Institute of Molecular Oncology and Functional Genomics, MRI)  
**High-throughput functional cancer genomics in mice**

### Dinner