

## Location



Carl Friedrich von  
Siemens Stiftung  
Süliches Schloßronell 23  
80638 München



## Contact

**Munich Heart Alliance Office**

Tel.: 089/4140-3269

Fax: 089/4140-3261

info@munich-heart-alliance.de

www.munich-heart-alliance.de

## Acknowledgement

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*Carl Friedrich von Siemens Stiftung*

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

Monday, 03.02.2020



HelmholtzZentrum münchen  
Deutsches Forschungszentrum für Gesundheit und Umwelt



**9.00 Stefan Engelhardt**  
(Partner site speaker Munich Heart Alliance)  
**Welcome address**  
**Annual report 2019**

### Session 1. Clinical studies I

Chairs: M. Joner, C. Weber

**9.30 Seryan Atasoy & Karl-Heinz Ladwig**  
(Institute of Epidemiology, HMGU)  
**Risk factor burden and 25-year cardiovascular disease mortality risk of isolated systolic hypertension in young adults: findings from the prospective MONICA/KORA study**

**9.50 Wolfgang Hamm**  
(Department of Cardiology, LMU)  
**Periodic repolarization dynamics in sports and exercise medicine**

**10.10 Nikolaus Thierfelder**  
(Department of Cardiac Surgery, LMU)  
**Polymer scaffolds in regenerative cardiovascular medicine - limits and possibilities**

### Coffee Break

### Session 2. Atherosclerosis and thrombosis

Chairs: T. Meitinger, A. Moretti

**11.00 Thorsten Kessler**  
(Department of Cardiology, DHM)  
**Deep proteomic analysis of neointima formation to identify novel targets in vascular remodeling**

**11.20 Lars Maegdefessel**  
(Vascular and Endovascular Surgery, MRI)  
**Long non-coding RNAs in atherosclerotic plaque destabilization**

**11.40 Donato Santovito**  
(Institute of Cardiovascular Prevention, LMU)  
**Endothelial autophagy triggers nuclear enrichment of miR-126-5p via a Mex3a dependent pathway to confer atheroprotection**

**12.00 Tobias Petzold**  
(Department of Cardiology, LMU)  
**NOACs: inhibition of a FXa driven platelet activation reduces arterial thrombosis**

### Lunch Break

### Session 3. Clinical studies II

Chairs: S. Kääh, S. Steffens

**13.20 Adnan Kastrati**  
(Department of Cardiology, DHM)  
**Looking deeper into the ISAR-REACT 5 results**

**13.40 Anna Lena Lahman**  
(Department of Cardiology, DHM)  
**Predicting factors for long-term survival in patients after out-of hospital cardiac arrest - a propensity matched analysis**

### Poster Session

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

### Session 4. Cardiac development and disease

Chairs: S. Massberg, H. Schunkert

**15.30 Andreas Dendorfer**  
(Walter-Brendel-Centre of Experimental Medicine, LMU)  
**Advances in biomimetic cultivation of native and engineered human myocardium**

**15.50 Dena Esfandyari**  
(Institute of Pharmacology and Toxicology, TUM)  
**The role of microRNA-365 in the regulation of human cardiac action potential**

**16.10 Dorota Zawada**  
(Department of Cardiology, MRI)  
**Defining the early step of human cardiac progenitor lineage segregation and fate decision by single-cell RNA-seq**

**16.30 Andrea Bähr**  
(Department of Cardiology, MRI)  
**Agrin induces cardiac remodeling after myocardial infarction in pigs**