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20th Munich Heart Alliance Meeting

Monday, 07.02.2022



Technische Universität München

HelmholtzZentrum münchen
Deutsches Forschungszentrum für Gesundheit und Umwelt



DZHK
DEUTSCHES ZENTRUM FÜR
HERZ-KREISLAUF-FORSCHUNG E.V.

MHA Winter Meeting 2022

- 10.30 Christian Weber**
(Institute for Cardiovascular Prevention, LMU)
Welcome address
Annual report 2021

Young MHA Session

Chairs: A. Dueck, L. Nicolai

- 11.00 Mark Lachmann**
(Department of Cardiology, MRI)
From big data to clinical reality - harnessing feature extraction capacities from a pre-trained convolutional neural network (VGG-16) for the unsupervised distinction of aortic outflow velocity profiles in patients with severe aortic stenosis
- 11.15 Teresa Trenkwalder**
(Department of Cardiology, DHM)
Genetic architecture of bicuspid aortic valve disease
- 11.30 Daniel Reichart**
(Department of Cardiology, LMU)
Single cell analyses of healthy and diseased human hearts
- 11.45 Jessica Kornherr**
(Department of Cardiology, MRI)
Validation of in vitro derived human cardiac progenitor cells in an in vivo-like setting

Lunch Break
(12.00 - 12.45)

Preclinical Session

Chair: S. Engelhardt, C. Weber

- 12.45 Jürgen Bernhagen**
(Institute for Stroke and Dementia Research, LMU)
Mechanisms and targeting strategies of MIF and MIF-2 in atherosclerosis
- 13.00 Sebastian Clauß**
(Department of Cardiology, LMU)
Proarrhythmic remodeling in a pig model of diabetes mellitus
- 13.15 Esther Lutgens**
(Institute for Cardiovascular Prevention, LMU)
The immune checkpoint atlas in atherosclerosis: what to target when?
- 13.30 Michael Joner**
(Department of Cardiology, DHM)
Molecular imaging with NIRF-IVUS for cardiovascular disease: update and outlook

Break

(13.45 - 14.00)

Clinical Session

Chairs: S. Massberg, H. Schunkert

- 14.00 Annette Peters**
(Institute of Epidemiology, HMGU)
Climate change and cardiovascular disease
- 14.15 Martin Halle**
(Department of Prevention and Sports Medicine, MRI)
Exercise in HFpEF - from molecular mechanisms to clinical endpoints
- 14.30 Konstantinos Rizas**
(Department of Cardiology, LMU)
Risk stratification in patients with ischaemic and non-ischaemic cardiomyopathy: insights from the SMART-MI and DANISH trials
- 14.45 John Coughlan**
(Department of Cardiology, DHM)
Digging into the data of ISAR-REACT 5: results of relevant subgroup analyses