

Running Program

Modifying Cardiovascular Ageing: From old cells to elderly patients

- Meeting language English -

Friday September 01st 2023

18:00 Opening

Andreas Simm

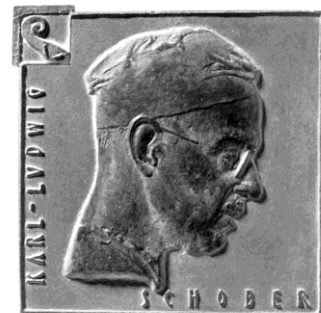
Address

D. Vordermark, Faculty Council and Clinic Board

Keynote lecture and Schober award

Laudation James Kirkland

by Eline Slagboom, Leiden, Netherlands



Keynote lecture:

James Kirkland
Rochester, USA

“Cardiovascular Aging, Cellular Senescence, and Senolytics:
The Path to Translation”

20:00 Come Together (Venue: Lion Building - Löwengebäude)

Saturday September 02nd 2023

(Venue: Steintorcampus – Adam-Kuckhoff-Straße 35)

08:30 – 10:00 Session 1

Epidemiology, healthy ageing

Chair: James Kirkland, Andreas Simm

The IHU HealthAge translational research program on prevention, healthy longevity and Geroscience

Heike Bischoff-Ferrari

Do Cardiovascular Diseases Significantly Influence Healthy Aging

Simona Andreea Apostu

Biomarkers of cardiovascular aging and function in the BILSA study

Marta Gonzalez-Freire

**10:00 – 11:15 Poster talks (even numbers): one slide – one minute +
Poster Session + Coffee Break**

Chair: Lars Saemann

11:15 – 12:45 Session 2

Mechanisms of ageing and disease 1

Chair: Ralf Brandes, Monika Sadlonova

Deciphering the molecular differences in right and left heart failure

Susanne Rohrbach

Endothelial senescence and vascular aging

Riikka Kivelä

Dysregulated Klotho/FGF23 signaling exacerbates PAH

Jana Grune

12:45 – 13:45 Lunch Break

Saturday September 02nd 2023

(Venue: Steintorcampus – Adam-Kuckhoff-Straße 35)

13:45 – 15:45 Session 3

DGTHG/DGK Working Groups: Specialized therapies for Elderly Patients?

Chair: Harald Rittger, Andreas Simm

Coronary artery disease in older adults: Medical Management and Advanced Therapies	Harald Rittger
Advances of Cardiac surgery in Elderly Patients	Gábor Szabó
Microvascular perfusion and old age in cardiac surgery	Lars Saemann
Outcomes after cardiac surgery according to age, sex and frailty	Louise Sun

**15:45 – 17:00 Poster talks (uneven numbers): one slide –
one minute + Poster Session + Coffee Break**

Chair: Lars Saemann

17:00 – 19:00 Session 4

Mechanism of ageing and disease 2

Chair: Susanne Rohrbach, Johannes Backs

Comparing the impact of frailty between cardiac surgical and transplant patients	Andrea Székely
Protein Glycation in the Cardiovascular System	Andreas Simm
Ribosome heterogeneity by rRNA methylation in skin cell senescence	Markus Schosserer
Cardiovascular Redox-Regulation – implications for Aging	Ralf Brandes

20:00 Conference-Dinner (Venue: Krug zum Grünen Kranze)

Sunday September 03rd 2023

(Venue: Steintorcampus – Adam-Kuckhoff-Straße 35)

09:00 – 11:00 Session 5

Therapies and interventions

Chair: Louise Sun, Riika Kivelä

Using senolytics to boost cardiac repair and regeneration Georgina Ellison-Hughes

Pharmacologic and non-pharmacologic treatment of delirium symptoms Monika Sadlonova

Exercise training and cardiometabolic risk factors in older adults? Dorthe Stensfold

Fundamental equations linking methylation dynamics to maximum lifespan in mammals Steve Horvath

11:00 – 12:00 Poster Session + Coffee Break

12:00 – 12:15 Poster Price

12:15 – 13:45 Session 6

Genetics and epigenetics of ageing

Chair: Markus Schosserer, Georgina Ellison-Hughes

HDAC signalling in HfpEF Johannes Backs

Longevity genetics and markers of biological age Eline Slagboom

The aging clocks: recent data, open questions and perspectives Claudio Franceschi

13:45 – 14:15 Farewell