



**Atherosclerosis - Mechanisms and Networks of Novel
Therapeutic Targets**



SFB 1123

**Atherosclerosis – Mechanisms and Networks of Novel Therapeutic
Targets**

Annual Retreat April 26-28, 2023

PROGRAM

Wednesday, 26.04.2023

- 10:00 Departure München ZOB Hackerbrücke, Bucht Nr. 1
12:00 Arrival at Hotel am Badersee, Am Badersee 1-5, 82491 Grainau, Lunch
13:20 Welcome Prof. Weber, Seminarroom Badersee 1+2

Session 1:

Chairs: Nazari-Jahantigh/Asare

- 13:30 - 13:50 A01 **Döring/Weber**
CCL17-CCR8 driven immune functions in atherosclerosis
- 14:00 - 14:20 A02 **Hundelshausen/Bernhagen**
What Gray Platelets Teach Us About Atherosclerosis
- 14:30 - 14:50 A03 **Bernhagen/Kapurniotu**
Old and new MIFs in atherosclerosis
- 15:00 - 15.30 Kaffeepause
- 15:30 - 15:50 A04 Hofmann/**Müller**
Novel Pharmacotherapies to Treat the Allan-Herndon-Dudley Syndrome
- 16:00 - 16:20 A05 Lutgens/**Atzler**
Epigenetic regulation of T-cell activation via the polycomb repressive complex 2 in atherosclerosis
- 16:30 - 16:50 A06 Söhnlein/**Silvestre-Roig**
Metabolic and circadian control of immune responses during atheroprogession
- 17:00 - 17:30 General Meeting for Principal Investigators
- 18:00 - 20:00 Dinner
- Chair: Weber
- 20:00 -21:00 Keynote Lecture **Dr. Wolfram Poller**, Charité Berlin
Brain-immune crosstalk in cardiovascular disease

Thursday, 27.04.2023

07:30 - 09:00 Breakfast

Session 2:

Chairs: Parma/Kontos

09:00 - 09:20 A07 Stark/**Schulz**

Differential targeting of macrophages in myocardial infarction

09:30 - 09:50 A10 **Duchene**/Weber

Always look on the bright side of DARC

10:00 - 10:20 B02 **Kessler**/Schunkert

The novel coronary artery disease risk factor ADAMTS-7 modulates atherosclerotic plaque formation by degradation of TIMP-1

10:30 - 11:00 Coffee break

11:00 - 11:20 B03 Dichgans/**Asare**

HDAC9 fine-tunes inflammasome-dependent chronic inflammation

11:30 - 11:50 B04 Schober/**Nazari-Jahantigh**

Regulation of necrotic core formation by microRNAs.

12:00 - 13:30 Lunch

Networking: who is who? Who is doing what?

18:00 - 20:00 Dinner

20:00 - 22:00 Postersession im Atrium

Friday, 28.04.2023

07:30 - 09:00 Breakfast

Session 3:

Chairs: Döring/Lukas

09:00 - 09:20 B05 **Maegdefessel/Santovito**

Long non-coding RNAs and their role in plaque destabilization

09:30 - 09:50 B06 **Massberg/Nicolai**

Novel target in immunothrombosis

10:00 - 10:20 B09 Steffens/Herzig **Bingni Chen**

Novel insights into the molecular mechanisms of endothelial CB1 signaling in atherosclerosis

10:30 - 10.45 Coffee break

10:45 - 11:05 B10 Bartelt/Bruns **Guerra Joel**

Nfe2l1 in adipose inflammation and atherosclerosis

11:15 - 11:35 B11 **Liesz/Sager**

Changes in systemic immune networks after stroke and MI

Session 4:

Chairs: Bernhagen/Steffens

11:45 - 13:00 Z01 & Z02 Short talks and round table discussion

Megens/Mohanta/Ntziachristos/Zimmer/Imhof/Enard

Z01: Innovations in imaging & translational models for atherosclerosis research

Z02: New developments in -omics technologies - Limitations and opportunities

13:00 - 14:00 Lunch

14:15 **Abfahrt**

Veranstaltungsort: Hotel am Badersee, Am Badersee 1-5, 82491 Grainau

www.hotal-am-badersee.de