



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



SFB 1123

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

Annual Retreat July 19-21, 2017

PROGRAM

Wednesday, 19.07.2017

- 8.45-9.00 Departure ZOB Munich to Schloss Linderhof
- 11.00 Hike to Brunnenkopfhütte
- 16.00 Arrival at Hotel Eibsee
- 17:00 Coffee Break
- 17:30 Keynote lecture/Room Zugspitze
Prof. Cybulsky Myron, University of Toronto
The initiation of atherosclerosis: cellular and molecular mechanisms
Chair: Oliver Soehnlein
- 19:00 Dinner
- 20:30 General Meeting for Principal Investigators/Room Zugspitze
- 21:00 Welcome Cocktail at Lake Terrace

Thursday, 20.07.2017

- 07:30 – 09:00 Breakfast
- 09:00 - 09:10 Welcome Prof. Weber/Room Zugspitze
- Session 1: Signal proteins and cytokines I
Chair: Prof. Hofmann
- 09:10 - 09:30 A01 Weber/Döring
Role of the chemokine receptor Ccr8 on leukocytes in atherosclerosis
- 09:40 - 10:00 A02 v. Hundelshausen/Gabius
Characterizing interactions of chemokines with inflammatory mediators from immune cells and their role in atherosclerosis
- 10:10 - 10:30 A03 Bernhagen/Kapurniotu
The MIF protein/receptor network in atherosclerosis: Mechanisms, novel members, and specific therapeutic strategies
- 10:40 - 11:00 Coffee break

Session 2:	Signal proteins and cytokines II
	Chair: Prof. Bernhagen
11:00 - 11:20	A04 Hofmann/Tschöp <i>Neuroendocrine control of atherogenesis</i>
11:30 - 11:50	A05 Lutgens/Atzler <i>Immune Checkpoint Regulators in Atherosclerosis</i>
12:00 - 12:20	A06 Söhnlein/Silvestre Roig <i>Circadian control of atherosclerotic plaque destabilization</i>
12:30 - 14:00	Lunch
Session 3:	Signal proteins and cytokines III
	Chair: Prof. Latz
14:00 - 14:20	A07 Stark/Schulz <i>Mechanisms of smooth muscle cell phenotypic modulation in atherosclerosis</i>
14:30 - 14:50	A10 Weber/Duchene <i>Investigating the role of ACKR1 in atherosclerosis</i>
15:00 - 15:30	Coffee break
Session 4:	Nucleic acids and lipid mediators I
	Chair: Prof. Maegdefessel
15:30 - 15:50	B01 Teupser/Holdt <i>Mechanisms and therapeutic potential of circular RNAs in atherogenesis</i>
16:00 - 16:20	B02 Schunkert/Kessler <i>Dissection of NO-cGMP-signaling in coronary artery disease</i>
16:30 - 16:50	B03 Dichgans/Asare <i>Mechanistic role of HDAC9 in Atherosclerosis</i>
17:00 - 18:30	Posters and Soft Drinks
19:30	Reception & Poster Award
20:00	Dinner Eibsee-Pavillon

Friday, 21.07.2017

07:30 – 09:00	Breakfast
Session 5:	Nucleic acids and lipid mediators II
	Chair: Prof. Steffens
09:00 – 09:20	B04 Schober/Nazari-Jahantigh
	<i>Role of macrophage-miRNAs in necrotic core formation</i>
09:30 - 09:50	B05 Söhnlein/Maegdefessel
	<i>Neutrophil-borne miRNAs control atherosclerosis</i>
10:00 – 10:20	B06 Engelmann/Massberg
	<i>Regulation of arterial thrombosis by autophagy – impact of hyperlipidemia and aging</i>
10:30 – 10:50	Coffee break
Session 6:	Nucleic acids and lipid mediators III
	Chair: Prof. Schunkert
10:50 – 11:10	B07 Düwell/Latz
	<i>Mechanisms of microbiota-mediated alteration in atherogenesis</i>
11:20 - 11:40	B09 Steffens/Herzig
	<i>Role of peripheral and hypothalamic endocannabinoid signaling in atherosclerosis and metabolic disorders</i>
11:50 - 12:10	Z01 Megens/Ntziachristos
	<i>Microscopic and nanoscopic imaging of atherosclerosis</i>
12:20 - 12:40	Z02 Zimmer/Imhof
	<i>Bioinformatics data and network analysis - Proteomics profiling for Atherosclerosis</i>
12:50 - 13:50	Lunch
14:20	Departure

Address:

Eibsee Hotel, Am Eibsee 1-3, Room Zugspitze, 82491 Grainau

www.eibsee-hotel.de