PI-Retreat of the Collaborative Research Center 1218

"Mitochondrial regulation of cellular function"

September 9-10, 2021
Waldhotel Heiligenhaus

sfb1218.uni-koeln.de

funded by

DFG Deutsche Forschungsgemeinschaft

Thursday, September 9, 2021

from 9.00 a.m. ***Arrival & Welcome coffee***

Day 1 | Research area B: Mitochondria in stress response and disease

10:30 – 10:50	Welcome address | Elena I. Rugarli
10:50 – 11:25	B01 | Aleksandra Trifunovic
11:25 – 12:00	B03 | Thorsten Hoppe
12:00 –12:35	B06 | Hamid Kashkar
12:35 – 14:00	**Lunch break**
14:00 – 14:35	B08 | Günter Schwarz
14:35 – 15:10	B09 | Lena Pernas
15:10 – 15:45	B10 | Sabine Eming
15:45 – 16:15	**Discussions with coffee & cookies**
16:15 – 16:50	B11 | Thomas Becker
16:50 – 17:25	B02 | Jan Riemer
17:25 – 18:00	Junior Group 1: Mauro Corrado
19:00	**Dinner**

Friday, September 10, 2021

07:30 - 09:00 *Breakfast*

Day 2 | Research area A: Mitochondrial structure, dynamics, and function

09:00 – 09:35	A03 | Mafalda Escobar
09:35 – 10:10	A04 | Martin Graef
10:10 – 10:45	A05 | Elena I. Rugarli
10:45 –11:15	**Discussions with coffee & cookies**
11:15 – 11:50	A01 | Thomas Langer
11:50 – 12:25	A08 | Jens Brüning
12:25 – 14:00	**Lunch break**
14:00 – 14:35	A09 | Ana J. García Sáez
14:35 – 15:10	A10 | Ulrich Brandt
15:10 – 16:10	**Round Table Discussion with coffee & cookies** *Feedback/Discussion on facilities, data sharing, mito-RTG, gender awareness* Marcus Krüger, Susanne Brodesser, Alexandra Trifunovic Astrid Schauss, Ana J. García Sáez Jan Riemer

Departure

Venue

WALDHOTEL HEILIGENHAUS

Parkstraße 38
D-42579 Heiligenhaus

https://wald-hotel.de/en/contact/

Check out time is at 11:00 a.m. on Friday.

Please find further information on the CRC1218 website

CRC 1218: Mitochondrial regulation of cellular function

A: Mitochondrial dynamics and quality control

A01 **Thomas Langer** | Proteolytic control of mitochondrial dynamics and cell survival by OMA1
A03 **Mafalda Escobar-Henriques** | Role of mitofusin ubiquitylation in mitochondrial quality control
A04 **Martin Graef** | Regulation and function of POLG-mediated mtDNA degradation
A05 **Elena Rugarli** | The role of CLUH in transport and translation of mRNAs for mitochondrial proteins
A07 **Matteo Bergami** | Role of mitochondrial dynamics in neuronal synapse and circuit remodelling
A08 **Jens Brüning** | Regulation of mitochondrial fission factor (MFF) in metabolic homeostasis
A09 **Ana J. García Sáez |** Effect of Bcl-2 proteins on mitochondrial structure, dynamics and function
A10 **Ulrich Brandt |** Plasticity of the mitochondrial contact site and cristae organizing complex

B: Mitochondria in stress response and disease

B01 **Aleksandra Trifunovic** | Oxidative stress signalling and lipid metabolism in lifespan regulation
B02 **Jan Riemer |** Mitochondrial hydrogen peroxide signaling
B03 **Thorsten Hoppe |** Ubiquitin-dependent coordination of mitochondrial-cytoplasmic quality control
B06 **Hamid Kashkar |** Role of mitochondrial outer membrane permeabilisation in mitochondrial hepatopathy
B08 **Günter Schwarz |** Sulfite- and nitrite-dependent regulation of mitochondrial function by sulfite oxidase
B09 **Lena Pernas |** Mitochondrial defense against an intracellular parasite
B10 **Sabine Eming| |** Role of mitochondria in the regulation of myeloid cell function in skin homeostasis and repair
B11 **Thomas Becker |** Quality control at the protein entry gate of mitochondria

JUNIOR GROUP 1 | Mauro Corrado

Z: Central service projects

MGK **Jan Riemer |** Integrated Research Training Group ("mito-RTG")
Z01 **Elena I. Rugarli** | Coordinator: Central tasks
Z02 **Marcus Krüger | Susanne Brodesser | Alexandra Trifunovic |** Bioanalytical Platform
Z03 **Astrid Schauss | Ana J. García Sáez |** Mitochondrial structure and dynamics in light and electron microscopy