



Joint Retreat of the Collaborative Research Centre 1218
"Mitochondrial regulation of cellular function"

June 13-15, 2022
GenoHotel Forsbach

sfb1218.uni-koeln.de

funded by

DFG Deutsche
Forschungsgemeinschaft

Monday, June 13, 2022

from 9 a.m. Arrival & Welcome coffee

Day 1 | session I & II

09:50 - 10:00 Welcome address (*main meeting hall Rotunde*)

Session I. Chair: Elena Rugarli

10:00 - 10:30 Ana García Sáez (A09)

10:30 - 11:00 Mafalda Escobar (A03)

11:00 - 11:30 Matteo Bergami (A07)

11:30 - 12:00 Thomas Langer (A01)

12:00 - 13:15 Lunch break

Session II. Chair: Aleksandra Trifunovic

13:15 - 13:45 Ulrich Brandt (A10)

13:45 - 14:15 Jan Riemer (B02)

14:45 - 15:15 Elisa Motori (JG 2)

15:15 - 15:35 Hector Flores Romero (Advanced postdoc grant)

16:00 - 19:00 Poster session with coffee & cookies

19:00 - 21:00 Dinner

from 21:00 Get together

Tuesday, June 14, 2022

07:00 - 09:00 **Breakfast**

Day 2 | session III & IV

Session III. Chair: Jan Riemer

09:00 - 09:30 Jens Brüning (A08)

09:30 - 10:00 Thorsten Hoppe (B03)

10:00 - 10:30 Hamid Kashkar (B06)

10:30 - 10:45 **Coffee & fresh snacks**

10:45 - 11:15 Günter Schwarz (B08)

11:15 - 11:45 Lena Pernas (B09)

11:45 - 12:15 Sabine Eming (B10)

12:15 - 13:30 **Lunch break**

Session IV. Chair: Lena Pernas

13:30 - 14:00 Thomas Becker (B11)

14:00 - 14:30 Mauro Corrado (B12)

Parallel sessions with coffee

14:30 - 16:00 PI Meeting (Information on new development, next application, data management, other issue) (*meeting room S4*)

14:30 - 16:00 mito-RTG Session (*Rotunde R*)

16:30 - 18:30 **Walk to the Kaisereiche**

19:00 - 21:00 **Dinner**

from 21:00 **Get together**

Wednesday, June 15, 2022

07:00 - 09:00 *Breakfast*

Day 3 | session V

Session V. Chair: Thomas Langer

09:00 - 09:30 Aleksandra Trifunovic (B01)

09:30 - 10:00 Elena Rugarli (A05)

10:00 - 10:30 General discussion on Z projects: state-of-the-art, new needs, possible developments

10:30 - 11:00 *mito RTG discussion (PIs with students)*

11:00 - 11:15 **Closing address with coffee & cookies**

Departure

Venue

GenoHotel Forsbach
Raiffeisenstr. 10-16,
51503 Rösrath-Forsbach
<https://www.genohotel.de/en>

Hygiene concept at the hotel

[Hygiene - GenoHotel Forsbach](#)

Check out time is at 10:00 a.m. on Wednesday.

How to get to the MEETING VENUE by public transport

From Cologne Main Station, take the regional train (RB25) in the direction of Overath/Marienheide to Rösrath Main Station. From there you can take the bus no. 423 in the direction of Bensberg to the stop "Rösrath, Forsbach Wiesenweg". Follow the signs for GenoAkademie/ Genohotel (appr. 600m).

From CECAD, take the line 9 (Lindenburg) in the direction Königsforst to Königsforst, Köln-Rath/Heumar. From there you can take the bus no. 423 in the direction of Bensberg to the stop "Rösrath, Forsbach Wiesenweg". Follow the signs for GenoAkademie/ Genohotel (appr. 600 m).

CRC 1218: Mitochondrial regulation of cellular function

A: Mitochondrial dynamics and quality control

- A01 Thomas Langer | Proteolytic control of mitochondrial dynamics and metabolism by OMA
- A03 Mafalda Escobar-Henriques | Role of mitofusin ubiquitylation in mitochondrial quality control
- 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
- B12 Mauro Corrado | Cardiolipin metabolism in immunity, inflammation and ageing

Research Group Leaders

- JG1 Mauro Corrado | Cardiolipin metabolism in immunity, inflammation and ageing
- JG2 Elisa Motori | Critical periods of mitochondrial structural and metabolic plasticity in Purkinje neurons

Z: Central service projects

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