



1st Retreat of the CRC 1218

Mitochondrial regulation of cellular function

Nov 22-23, 2016

Tagungshotel Eifelkern, Schleiden

sfb1218.uni-koeln.de

Tuesday, Nov 22, 2016

09:45 - 09:50 **Welcome address**

1st Session - chair: Rudi Wiesner

09:50 - 10:15 Martin Graef (A04)
Interdependent regulation of mitochondria and autophagy

10:15 - 10:40 Jürgen Dohmen (A02)
Regulation of polysumoylation and its role in the control of mitochondrial fission

10:40 - 11:05 David Pla-Martin (A05)
CLUH regulates mitochondrial function and autophagy

11:05 - 11:30 **Discussions with coffee & cookies**

11:30 - 11:55 Mafalda Escobar (A03)
A Cdc48-Deubiquitylase cascade allows a synergistic decision "for" or "against" mitochondrial fusion

11:55 - 12:20 Sofia Ahola (A01)
Proteolytic control of mitochondrial dynamics and cell survival by OMA1

12:20 - 12:45 Marcus Krüger (Z02: Proteomics)
Perm1, novel member of the Mib complex

12:45 - 13:45 **Lunch break, followed by a short trip**

14:00 Departure for a **short trip to the nearby (5 km) Wildlife park Hellenthal**

14:10 Arrival; opportunity to stroll through the park

14:30 Opportunity to join a flight show with raptors and owls

15:45 Departure from Hellenthal, back to the Tagungshotel

Time for coffee & cookies before session 2 begins

2nd Session - chair: Manolis Pasparakis

16:15 - 16:40 Konrad Ricke (B07)
Mitochondrial dysfunction & cell-type specific properties lead to neurodegeneration in a mouse model of Parkinson's disease

16:40 - 17:05 Gulzar Wani (A07)
Role of mitochondrial dynamics in neuronal development and synapses formation

17:05 - 17:15 **Short break**

17:15 - 17:40 Jana Göbel (A07)
Perivascular remodelling of astrocytic ER and mitochondrial networks following brain injury

17:40 - 18:05 Günter Schwarz (B08)
The impact of cysteine catabolism on mitochondrial biology

18:05 - 19:00 **General meeting**

19:15 **Dinner**

Wednesday, Nov 23, 2016

07:00 - 09:00 Breakfast

3rd Session: - chair: Elena Rugarli

- 09:00 - 09:25 Jan Riemer (B02)
Mitochondrial hydrogen peroxide signalling
- 09:25 - 09:50 Katja van Eickels (Z03: Imaging)
Interferring new information at the ultrastructural level
- 09:50 - 10:05 Aleksandra Trifunovic (Z04)
Bioenergetics (10+5)
- 10:05 - 10:30 Jürgen Dohmen & Isabell Witt
The mito-RTG (15+10)

10:30 - 11:00 Discussions with coffee & cookies

4th Session - chair: Matteo Bergami

- 11:00 - 11:25 Aleksandra Trifunovic (B01)
KLF-1 is a novel longevity regulator to mild mitochondrial stress
- 11:25 - 11:50 Peter Tessarz, MPI Age
Integrating metabolic and epigenetic regulation in mesenchymal stem cells 17
- 11:50 - 12:15 Sonia Ravanelli (B03)
Regulation of UPS machinery upon mitochondrial stress
- 12:15 - 12:40 Hamid Kashkar (B06)
The role of programmed cell death in mitochondrial hepatopathy

12:40 - 13:30 Lunch

13:30 Closing address, group photo & departure

Venue

Tagungshotel Eifelkern
Monschauer Strasse 5-9
53937 Schleiden
phone: 02445 / 8574
www.tagungshotel-eifelkern.de

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

Directions

www.tagungshotel-eifelkern.de/kontakt/anfahrt

Wildlife park and Raptor Center Hellenthal, Nationalpark Eifel

www.greifvogelstation-hellenthal.de