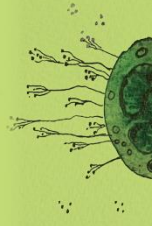


Cologne Spring Meeting 2023

"Cell Death and Mitochondrial Signaling in Health and Disease"

07-10 March | COLOGNE, GERMANY



Conference Program



SFB 1403
CELL DEATH



also supported by



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COLOGNE



Cologne Spring Meeting 2023
7-10 March, Cologne, Germany
“Cell Death and Mitochondrial Signaling in Health and Disease”

Tuesday, March 7

09:20 - 12:00: "**PhD Career Perspectives goes Spring Meeting**"

[Early Career Researchers Satellite](#) (see separate program)

12:00 Registration

13:50 Opening remarks

Session 1 Chair: Elena Rugarli

14:00 - 14:40 Jennifer Lippincott-Schwartz

Mapping the structural and diffusional landscape of ER-mitochondria contact sites from the microscale to the nanoscale

14:40 - 15:20 Andreas Strasser

Exploring the select and overlapping functions of pro-survival BCL-2 family members by using novel gene-swap mice

15:20 - 16:00 Michal Minczuk

Mitochondrial genome engineering

16:00 - 16:30 Coffee Break

Session 2 Chair: Nieves Peltzer

16:30 - 17:10 Vishva Dixit

Why so many ways to die?

17:10 - 17:50 Marcus Conrad

Ferroptosis: From basic mechanisms to therapeutic opportunities

17:50 - 18:30 María Mittelbrunn

Immunometabolism at the crossroad between Inflammation and Aging

Cologne Spring Meeting 2023
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Wednesday, March 8 *(continued on next page)*

8:00 Doors opening

Session 3 Chair: Silvia von Karstedt

09:00 - 09:40 Andrea Ablasser
Sensing DNA as a danger signal through the cGAS-STING pathway

09:40 - 10:20 Kivanç Birsoy
Understanding the role of mitochondrial redox metabolism in physiology and disease

10:20 - 10:50 Coffee Break

10:50 - 11:30 Núria Sánchez Coll
Harnessing plant autoimmunity to understand cell death pathways

11:30 - 12:10 Nika Danial
Metabolic crosstalks and cellular stress responses

12:10 - 14:00 Free time for lunch

Session 4 Chair: Lena Pernas

14:00 - 14:40 Jaakko Kangasjärvi
Mitochondria and chloroplasts in the regulation of cell death or acclimation in plants

14:40 - 15:20 Benoît Kornmann
Interorganelle communication: new approaches for new questions

15:20 - 16:00 Coffee Break

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Wednesday, March 8 *(continued from previous page)*

16:00 - 16:40 Ana Garcia-Saéz
Molecular architecture of apoptotic foci

16:40 - 17:20 Elizabeth Hartland
Legionella infection and host cell metabolism

17:20 - 18:00 Jan Riemer
Redox regulation of mitochondrial biogenesis

18:00 - 20:00
Poster session (with light snacks and drinks)

Cologne Spring Meeting 2023
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Thursday, March 9 *(continued on next page)*

08:00 Doors opening

Session 5 Chair: Thomas Langer

09:00 - 09:40 Aleksandra Trifunovic
Regulation of Mitochondrial Stress Responses

09:40 - 10:20 Laura Lackner
The expanding and unexpected functions of mitochondria contact sites

10:20 - 10:50 Coffee Break

10:50 - 11:30 Mo Lamkanfi
Inflammasomes and the cell death machinery
– Intricate connections and disease implications

11:30 - 12:10 Martin Ott
Organization and regulation of mitochondrial protein synthesis

12:10 - 14:00 Free time for lunch

Session 6 Chair: Alga Zuccaro

14:00 - 14:30 Maria Leptin
ERC funding for frontier research

14:30 - 15:10 Stephen Tait
Targeting cell-death associated inflammation in cancer

15:10 - 15:50 Elena Rugarli
Shaping the mitochondrial proteome at the post-transcriptional level

15:50 - 16:20 Coffee Break

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Thursday, March 9 *(continued from previous page)*

Session 7 Chair: Mafalda Escobar

16:20 - 17:00 Ed Mocarski

Necroptosis signaling in herpesvirus and poxvirus pathogenesis

17:00 - 17:40 Bettina Warscheid

The Mitochondrial Proteome: From Biogenesis to Signaling

17:40 - 18:20 Lucas Jae

Genetic dissection of mitochondrial stress in human cells

18:20 - 19:00 Paul Schulze-Lefert

Plant innate immunity and cell death mediated by intracellular NLR immune receptors

Speakers Dinner 19:00 -

Cologne Spring Meeting 2023
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Friday, March 10

08:00 Doors opening

Session 8 Chair: Christina Ising

09:00 - 09:40 Maria Falkenberg
Molecular insights into human mtDNA maintenance

09:40 - 10:20 Petr Broz
Pyroptosis, a Lytic Cell Death Coordinating Host Defense and Inflammation

10:20 - 10:50 Coffee Break

10:50 - 11:30 Moritz Nowack
Meet the Deadline - Developmental Programmed Cell Death in Plants

11:30 - 12:10 Julien Prudent
Mitochondrial membrane remodelling and mtDNA dynamics

12:10 - 12:50 Marion MacFarlane
**Molecular Architecture of FADD:
Caspase-8 Signalling Platforms that direct life/death decisions**

12:50 - 13:00 Closing remarks