

How to find us



Event location

Deutsche Akademie der Naturforscher Leopoldina e. V.
– German National Academy of Sciences –
Jägerberg 1 | 06108 Halle (Saale), Germany

Registration

Please register for participation until April 17, 2023 at:
www.leopoldina.org/registration-life-science/

You can find detailed instructions on how to get there at:
www.leopoldina.org/en/service/contact/

The Leopoldina originated in 1652 as a classical scholarly society and now has 1,600 members from almost all branches of science. In 2008, the Leopoldina was appointed as the German National Academy of Sciences and, in this capacity, was invested with two major objectives: representing the German scientific community internationally, and providing policymakers and the public with science-based advice.

The Leopoldina champions the freedom and appreciation of science. It promotes a scientifically enlightened society and the responsible application of scientific insight for the benefit of humankind and the natural world. In its interdisciplinary discourse, the Academy transcends thematic, political and cultural boundaries. It is also an advocate of human rights.



Leopoldina Life Science Symposium 2023

Leopoldina Class II

Thursday April 20, 2023 | 10:30 - 17:10

German National Academy of Sciences Leopoldina
Jägerberg 1
06108 Halle (Saale), Germany

Contact

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Program

10:30

Welcome

Prof. Dr. Roland Lill ML (Speaker of Class II)
Institute for Cytobiology, University of Marburg

1st session

Chair: Prof. Dr. Roland Lill ML
University of Marburg

10:40

Regeneration of degraded soils: chances and challenges

Prof. Dr. Wulf Amelung ML
*Institute of Crop Science and Resource Conservation,
University of Bonn*

11:00

Molecular biology of archaea

Prof. Dr. Sonja-Verena Albers ML
Institute for Biology II, University of Freiburg

11:20

Endogenous clocks as timers of life cycles on different time scales

Prof. Dr. Charlotte Förster ML
Biocenter, University of Würzburg

11:40

Coffee break

2nd session

Chair: Prof. Dr. Nikolaus Amrhein ML
Plant Biology, ETH Zürich

12:10

What the genome does not tell – Searching for metabolic steps that are critical for plant immunity

Prof. Dr. Ivo Feußner ML
*Göttingen Graduate Center for Neurosciences, Biophysics, and
Molecular Biosciences, University of Göttingen*

12:30

Decoding calcium signals in plant immunity: how to vaccinate a plant

Prof. Dr. Tina Romeis ML
*Biochemistry of Plant Interactions, Leibniz-Institute of Plant
Biochemistry IPB Halle*

12:50

A dynamic actin-driven transcriptional condensate for steroid hormone signaling

Prof. Dr. Robert Grosse ML
*Institute of Experimental and Clinical Pharmacology and
Toxicology, University of Freiburg*

13:10

Lunch

3rd session

Chair: Prof. Dr. Ingo Flügge ML
Biozentrum of Cologne, University of Cologne

14:10

The peptides at the center of the immunological synapse: essential in health and disease

Prof. Dr. Hans-Georg Rammensee ML
Interfaculty Institute for Cell Biology, University of Tübingen

14:30

Applied Immunology: Novel cancer therapies by design

Prof. Dr. Patrick Baeuerle ML
*Institute for Immunology, Ludwig-Maximilians-University
Munich*

14:50

Regulation of signalling pathways during development and disease

Prof. Dr. Michael Boutros ML
*Division of Signaling and Functional Genomics, German
Cancer Research Center DKFZ, Heidelberg*

15:10

Coffee break

4th session

Chair: Prof. Dr. Regine Kahmann ML
Max-Planck Institute for terrestrial Microbiology, Marburg

15:40

Ribozymes meet RNA modifications

Prof. Dr. Claudia Höbartner ML
Institute for Organic Chemistry, University of Würzburg

16:00

Antibiotic-resistant bacterial pathogens and the microbiome

Prof. Dr. Andreas Peschel ML
*Interfaculty Institute of Microbiology and Infection Medicine
Tübingen (IMIT), University of Tübingen*

16:20

Tracking algal uptake of carbon dioxide and its fate in the oceans

Prof. Dr. Alexandra Z. Worden ML
*GEOMAR Helmholtz Centre for Ocean Research, Kiel
Max-Planck-Institute for Evolutionary Biology, Plön*

16:40

From physiology to clinic

Prof. Dr. Kai-Uwe Eckardt ML
*Department of Nephrology and Medical Intensive Care
Charité, Berlin*

17:00

Closing remarks

Prof. Dr. Regine Kahmann ML
Max-Planck Institute for terrestrial Microbiology, Marburg

17:10

End