



10 YEARS

RAINER RUDOLPH FOUNDATION

**The Rainer Rudolph Foundation thanks for support:
Institute of Applied Pharmaceutical Dermatology**

IADP

An-Institut für angewandte Dermatopharmazie
an der Martin-Luther-Universität
Halle-Wittenberg e.V.

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Frontiers in Protein Science - a Workshop

Schloß Hohenkammer

September 23rd/ 24th 2021

PROGRAMME



Thursday, 23 September

- 10.30 h Get together
- 11.30 h Lunch
- 12.30 h Elisabeth Schwarz | 10 Years Rainer Rudolph Foundation

Moderation: Philine Dobberthien

Presentations of Award Winners 2020

- 12.45 h Christoph Mårtensson | mitoTAD - Mitochondrial protein translocation-associated degradation
- 13.05 h Lukas Reisky | Elucidation of the enzymatic degradation pathway for the algal polysaccharide ulvan
- 13.25 h Luca Schulz | Optimizing the reverse beta-oxidation cycle by cell-free pathway prototyping
- 13.45 h Annette Beck-Sickinger | G-protein-coupled receptors: From structure to function
- 14.15 h Coffee break

Presentations of Award Winners 2021

- 15.45 h Caroline Hiefinger | Biochemical Analysis of the Evolutionary Origin of Enzymes from s-Triazine Metabolism
- 16.05 h Julian Kompa | Exchangeable HaloTag Ligands as Versatile Probes for Super-Resolution Microscopy
- 15.25 h Christopher Reinkemeier | Synthetic organelles to equip eukaryotic cells with orthogonal genetic codes
- 15.45 h Coffee break

Moderation: Jörg Schöffner

- 16.00 h Stefan Zielonka | Protein engineering for the generation of novel antibody-derived entities with therapeutic potential

- 16.30 h Franziska Heydenreich | Dissecting allosteric networks governing agonist efficacy and potency in G protein-coupled receptors
- 17.00 h Thomas Scheibel | From a Mexican Bar to Spiderman-Technology - research inspired by Rainer Rudolph
- 17.30 h Break
- 18.00 h Dinner
- 19.30 h Franz Schmid | Rainer Rudolph & Protein Science
- 20.00 h Ulla Grauschopf, Dorothee Ambrosius, Uli Opitz & guests
Panel Discussion

Friday, 24 September

- 7.30 h Breakfast

Moderation: Johannes Buchner

- 8.30 h Ulrike Fiedler | Past, Present and Future of Biotherapeutics
- 9.00 h Edgar Boczek | Biomolecular condensates – from basic research to drug discovery
- 9.30 h Dominik Schumacher | Translating academic research into Start-Up that is developing superior Antibody Drug Conjugates for the treatment of various malignancies
- 10.00 h Don Hilvert | Evolving virus-like nucleocapsids from a bacterial enzyme
- 10.30 h Coffee break
- 11.00 h Matthias Feige | Rainer Rudolph Lecture
Cellular Protein Biogenesis: From Insight to Engineering
- 11.30 h Closing remarks by Rudi Glockshuber
- 12.30 h Lunch and Departure

Colour legend: Invited talks and contributions; talks by Rainer Rudolph Prize awardees.