

»Toxic protein aggregation in neurodegeneration«

Symposium program

Monday, November 20

13:00 – 15:15

Session 1

13:00 – 13:15

Welcome, introduction to ToPAG

13:15 – 14:00

Ron Kopito, Stanford University, Department of Biology, Stanford, USA
The Ubiquitin-Proteasome System in Cytoplasmic Protein Aggregation

14:00 – 14:45

Anthony Hyman, Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany
Aberrant phase separation and disease

14:45 – 15:15

Mark Hipp, Max Planck Institute of Biochemistry, Martinsried, Germany
Amyloidogenic proteins and the endoplasmic reticulum

15:15 – 16:45

Coffee break and poster session

16:45 – 18:00

Session 2

16:45 – 17:30

Dieter Edbauer, German Center for Neurodegenerative Diseases (DZNE), Munich, Germany
Repeat associated non-ATG translation triggers ALS and FTD in C9orf72 mutation carriers

17:30 – 18:00

Ruben Fernandez Busnadiego, Max Planck Institute of Biochemistry, Martinsried, Germany
Unraveling the structure of toxic protein aggregates in situ

»Toxic protein aggregation in neurodegeneration«

Tuesday, November 21

9:30 – 10:45

Session 3

9:30 – 10:15

Melanie Meyer-Lühmann, Neurocenter, Universitätsklinikum Freiburg, Germany

The impact of Ab seeding on neurons

10:15 – 10:45

Irina Dudanova, Max Planck Institute of Neurobiology, Martinsried, Germany
Cortical circuit alterations in Huntington's disease mice

10:45 – 11:00

Coffee break

11:00 – 12:15

Session 4

11:00 – 11:45

Sheena Radford, Astbury Centre for Structural Molecular Biology, University of Leeds, UK

The importance of protein-protein interactions in amyloid disease

11:45 – 12:15

Jakob Bader, Max Planck Institute of Biochemistry, Martinsried, Germany
Proteomics in neurodegeneration

12:15 – 13:30

Lunch and poster session

13:30 – 15:10

Session 5

13:30 – 14:15

Christian Haass, German Center for Neurodegenerative Diseases (DZNE), Munich, Germany

Microglia in neurodegeneration – from molecular mechanisms to human patients

14:15 – 15:00

Don Cleveland, Ludwig Institute for Cancer Research, UCSD, La Jolla, USA
Gene silencing therapy for diseases of protein misfolding in the nervous system

15:00 – 15:10

Closing remarks