

Synopsis Forum 2021

Scientific exchange for researchers investigating Alzheimer's and neurodegeneration

8-9 November 2021 at Hotel Schloss Gerzensee, Gerzensee

PROGRAM DAY 1

8 November 2021

Chair: **Prof. Philip Scheltens**

Member of the Scientific Advisory Board of Synopsis Foundation

TIME	TOPIC	SPEAKER
13:15-13:30	Welcome Note	Synopsis Foundation, Prof. Philip Scheltens
13:30-14:00	<u>Keynote Lecture:</u> Microglial modulation in Alzheimer's disease – innovative therapies or devilish gambling?	Prof. Christian Haass, Ludwig Maximilian University Munich
14:00-14:30	Ultrastructure of Parkinson's pathology in post-mortem human brain	Dr Amanda Lewis, EPFL
14:30-15:00	Using super-resolution microscopy to unravel the physiological and pathological roles of TDP-43 liquid-liquid phase separation	Dr Pierre De Rossi, University of Zurich
15:00-15:30	Coffee Break	all
15:30-16:00	New roles for adhesion GPCRs in neurobiology	Dr Oliver Tejero, Paul Scherrer Institute
16:00-16:30	Biophysical re-organization of neuronal cytosol as a trigger for protein aggregation in polyglutamine expansion disorders	Dr Margit Peaudecerf, ETH Zurich
16:30-17:15	Super Short Talks (1 Slide – 2 minutes)	PhD Students and PostDocs
17:30-19:30	Dinner	all
19:30-21:30	Posters & Drinks	all



PROGRAM DAY 2

9 November 2021

Chair: **Prof. Mathias Jucker**

Member of the Scientific Advisory Board of Synapsis Foundation

TIME	TOPIC	SPEAKER
09:00-09:30	Making the best out of IT: Design and development of exergames for older adults with mild neurocognitive disorder	Patrick Manser, ETH Zurich
09:30-10:00	Home-based transcranial alternating current stimulation (tACS) for patients with Alzheimer's disease	Dr Lucie Bréchet, University of Geneva
10:00-10:30	Early β-amyloid accumulation in the brain is associated with blood T and B cell alterations	Dr Christoph Gericke, University of Zurich
10:30-11:00	Coffee Break	
11:00-11:30	Brain-derived extracellular vesicles as diagnostic tool for tauopathies	Dr Kevin Richetin, CHUV
11:30-12:00	Prediction of post-stroke cognitive decline and dementia: impact of cognitive reserve and post-stroke life style	PD Dr Roza Umarova, Inselspital Bern
12:00-13:00	Lunch	all
13:15-16:15	Networking & Workshops	Synapsis Foundation
16:15	Farewell & End of Synapsis Forum 2021	Prof. Mathias Jucker, Synapsis Foundation

