

rhine – main  
neuroscience network



6<sup>th</sup> Biennial Meeting

online

June 7 - 8, 2021

Monday, June 7

12:45 Log-In // Welcome // Organisation  
Ralf Galuske, speaker rmn<sup>2</sup>

**Session I**

Chair: Stefan Bittner, *Neuroimmunology, Mainz*

13:00 – 14:00 Guest speaker

Luisa Klotz

*Clinic for Neurology, University Medical Center Münster*  
Novel insights into the mechanism of action of modern immunotherapeutics for treatment of Multiple Sclerosis

14:00– 14:05 Break

14:05– 14:35

Michael Plichta

*Clinic for Psychiatry, Psychosomatics and Psychotherapy, University Medical Center Frankfurt*  
Reward processing in ADHD

14:35 – 15:05

Wolfgang Kelsch

*Clinic for Psychiatry and Psychotherapy, University Medical Center Mainz*  
Neuronal and systems dynamics of reward memories

15:05 – 15:15 Break

**Session II**

Chair: Susann Schweiger, *Inst. f. Human Genetics, Mainz*

15:15 – 15:45

Daniela Sammler

*MPI for Empirical Aesthetics, Frankfurt*  
Neurocognition of music and language

15:45 – 16:15

Nori Jacoby

*MPI for Empirical Aesthetics, Frankfurt*  
Massive online serial reproduction experiments: A new tool for exploring mental representations

16:15 – 16:30 Break

16:30 – 17:30 Guest Speaker

Brunhilde Wirth

*University Hospital Cologne*  
Spinal muscular atrophy: From gene to modifiers and therapy - In the Challenges is a Solution

Tuesday, June 8

12:45 Log-In // Organisation  
Ralf Galuske, speaker rmn<sup>2</sup>

**Session III**

Chair: Amparo Acker-Palmer, *Cell Biology and Neuroscience, Frankfurt*

13:00 – 14:00 Guest Speaker

Carmen Ruiz de Almodóvar

*Biochemistry Center, University of Heidelberg*  
Vascular control of oligodendrocyte precursor cell specification

14:00 – 14:15 Break

**Session IV**

Chair: Ralf Galuske, *Systems Neurophysiology, Darmstadt*

14:15 – 15:15 Guest Speaker

Alexander Thiele

*School of Psychology, University of Newcastle*  
Coordination of neural interactions by attention: principles and neuropharmacological mechanisms

15:15 – 15:30 Break

15:30 – 16:00

Martha Havenith/Marieke Schölvinck

*Ernst Strüngmann Institute for Neuroscience, Frankfurt*  
The Zero-Noise Brain: Characterising neurobehavioural dynamics across species

16:00 – 16:30

Lucia Melloni

*MPI for Empirical Aesthetics, Frankfurt*  
Learning hierarchical sequence representations across human cortex and hippocampus

16:30 – 17:00

Hiroshi Ito

*MPI for Brain Research, Frankfurt*  
Representations of navigational goals in the prefrontal cortex