



# International Symposium **Checkpoints of Central Nervous System Recovery**

March 14 - 17, 2023  
Kloster Irsee



## Program

### March 14th, 2023

07.30 pm Arrival & Welcome Dinner

### March 15th, 2023

08.00 am Registration

09.15 am Welcome & Introduction

#### **SESSION I Immunological Checkpoints of CNS Recovery**

Chairs: Francesca Odoardi & Alexander Flügel

09.30 am **Tissue-resident memory CD8 T cells in CNS inflammatory diseases**, Roland Liblau, University of Toulouse III, Toulouse, France

10.10 am **Shaping and control of T cell responses in CNS autoimmunity**  
Thomas Korn, MRI-TUM, Munich, Germany, TRR274

10.30 am **Innate immune memory after stroke drives remote organ pathologies**, Arthur Liesz, LMU, Munich, Germany, TRR274

10.50 am Coffee Break (30 min)

11.20 am **Monocyte-derived brain macrophages – friends or foes ?**  
Steffen Jung, Weizmann Institute of Science, Rehovot, Israel

12.00 pm **The role of the meningeal layers in CNS autoimmunity**  
Arianna Merlini, UMG, Göttingen, Germany, TRR274

12.15 pm **Role of the lung microbiota in shaping CNS autoimmunity**  
Leon Hosang, UMG, Göttingen, Germany, TRR274

12.30 pm Lunch (~1.5 hours)

02.00 pm **Dysregulation of immune-networks in neuroinflammatory diseases**, Luisa Klotz, University Hospital Münster, Münster, Germany

02.40 pm **IL-10-providing B cells govern pro-inflammatory activity of macrophages and microglia in CNS autoimmunity**,  
Martin Weber, UMG, Göttingen, Germany, TRR274

03.00 pm Monastery/Church tour **OR** Brewery tour (more information on site)

#### **SESSION II Neuronal Checkpoints of CNS Recovery**

Chairs: Hannelore Ehrenreich & Martin Kerschensteiner

04.30 pm **Translating Acomys to Mus: identifying the roadmap that enables axon regeneration in mammals**, Mónica Sousa,  
University of Porto, Porto, Portugal

05.10 pm **Role of neuronal activity in shaping new circuits following spinal cord injury**, Florence Bareyre, KUM-LMU, Munich, Germany, TRR274

05.30 pm **Checkpoints of axonal energy homeostasis in the inflamed CNS**, Martin Kerschensteiner, KUM-LMU, Munich, Germany, TRR274

05.50 pm Free time

07.00 pm Dinner

## Program

March 16th, 2023

### SESSION II Neuronal Checkpoints of CNS Recovery

Chairs: Hannelore Ehrenreich & Martin Kerschensteiner

- 09.30 am **Modulating astrogliosis and scar formation in CNS injury models by cytoskeleton-assisted membrane trafficking**, Britta Eickholt, Charité-Universitätsmedizin, Berlin, Germany
- 10.10 am **Novel functions of oligodendrocytes in brain energy metabolism and neurodegenerative disease**, Klaus-Armin Nave, MPINAT, Göttingen, Germany, TRR274
- 10.30 am **Preventing cognitive decline by understanding functional rewiring of microcircuits in the hippocampus after stroke**, Anna-Sophia Wahl, LMU, Munich, Germany, TRR274
- 10.50 am Coffee Break (30 min)
- 11.20 am **Neuroimmune interactions after nervous system injury**, Simone di Giovanni, Imperial College London, London, UK
- 12.00 pm Lunch (~1.5 hours)

### SESSION III Glial Checkpoints of CNS Recovery

Chairs: Christine Stadelmann & Mikael Simons

- 01.20 pm **Understanding the complexities of disease progression in multiple sclerosis**, Anna Williams, University of Edinburgh, Edinburgh, UK
- 02.00 pm **The extracellular matrix as a checkpoint of CNS recovery**, Wee V. Yong, University of Calgary, Alberta, Canada
- 02.40 pm **Understanding the role of oligodendrocytes in neurodegeneration**, Sarah Jäkel, LMU, Munich, Germany, TRR274
- 03.00 pm **Monastery/Church tour OR Brewery tour** (more information on site)
- 04.30 pm **About astrocyte checkpoints for CNS recovery**, Cinthia Farina, San Raffaele Scientific Institute, Milan, Italy
- 05.10 pm **Modeling human brain environment-dependent microglia phenotypes**, Simon Schäfer, TUM, Munich, Germany, TRR274
- 05.30 pm Coffee Break (20 min)
- 05.50 pm **Childhood onset inflammatory white matter diseases**, Jutta Gärtner & Stefan Nessler, UMG, Göttingen, Germany, TRR274
- 06.10 pm **Remyelination in multiple sclerosis**, Christine Stadelmann, UMG, Göttingen, Germany, TRR274
- 06.30pm **Shared inflammatory glial cell signature after brain injury, revealed by spatial, temporal and cell-type-specific profiling of the murine cerebral cortex**, Jovica Ninkovic, LMU, Munich, Germany, TRR274

## Program

### March 16th, 2023

- 06.50 pm Closing remarks & Announcement of “Postdoctoral Researcher Award” Winner
- 07.00 pm Free time
- 07.30 pm Goodbye Dinner

### March 17th, 2023

- 08.00 am Breakfast
- 09.30 am Departure

## Contact Information

Have any questions?

### Coordination Munich

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More information on our CRC/TRR274 can be found on [www.sfb274.de](http://www.sfb274.de)