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THE TWENTY-FOURTH EIBSEE MEETING

CELLULAR MECHANISMS OF NEURODEGENERATION

November 16-18, 2026

Keynote speakers

C. Iadecola (Weill Cornell Medicine, New York)

R. T. Karadottir (University of Cambridge)

S. Liddelow (NYU Grossman School of Medicine, New York)

International speakers

D. Attwell (University College London)

G. Battaglia (Institute for Bioengineering of Catalonia, Barcelona

M. Citron (UCB Biopharma, Brussels)

M. El Amki (University Hospital of Zurich)

B. Engelhardt (University of Bern)

S. Hong (UCL London)

L. Johnson (University of Kentucky)

A. Joutel (Institute of Psychiatry and Neuroscience of Paris)

W. McEwan (University of Cambridge)

A. Nott (Imperial College London)

A. Yang (University of California, San Francisco)

Young Investigator Keynote speakers

G. Albertini (VIB-KU Leuven)

D. Kaltenecker (Helmholtz Munich)

National speakers

J. Herms, J. Neher, M. Prinz, A. Schaefer, M. Simons

Organized by

J. Neher (LMU Munich & DZNE),

M. Dichgans (LMU Hospital & LMU Munich)

Hans und Ilse Breuer Stiftung
ALZHEIMER FORSCHUNG UND HILFE

DZNE

SyNergy MUNICH CLUSTER FOR SYSTEMS NEUROLOGY

DFG Deutsche Forschungsgemeinschaft

The 24th Eibsee Meeting
(November 16th-18th, 2026)

CELLULAR MECHANISMS OF NEURODEGENERATION

organized and funded by the

DZNE, German Center for Neurodegenerative Diseases - Munich

SyNergy - Munich Cluster for Systems Neurology

The Hans and Ilse Breuer Foundation

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organizer

Jonas Neher and Martin Dichgans
LMU Munich & DZNE and LMU Hospital & LMU Munich, and
DZNE, German Center for Neurodegenerative Diseases - Munich, and
SyNergy - Munich Cluster for Systems Neurology
Feodor-Lynen-Str. 17, 81377 Munich
Germany

Phone: +49-89-4400-46549
Fax: +49-89-4400-46546
e-mail: jonas.neher@mail03.med.uni-muenchen.de
Martin.Dichgans@med.uni-muenchen.de
http://eibsee.web.med.uni-muenchen.de/index.html

Location

Travelling

By train: Take the train to Garmisch-Partenkirchen (via Munich). In Garmisch, please take a taxi to the hotel (about 15-20 min drive).
Alternative: From Munich ZOB, take the **FlixBus** to Garmisch-Partenkirchen (1h 15 min) and then take a taxi.

By plane: From Munich airport, take the FlixBus to Garmisch-Partenkirchen (2h 10 min), and from here, take a taxi to the Hotel.
Alternative: Take the S-Bahn to Munich Central Station (Hauptbahnhof Hbf) from Munich airport. At the Central station, take the train to Garmisch-Partenkirchen (about one hour and 50 minutes); from here, take a taxi to the hotel.

By car: From Munich, take the highway to Garmisch. In Garmisch, follow the signs to Eibsee. The hotel is at the end of the road at the foot of the Zugspitze. It takes approximately one hour and 20 minutes.

Weather

It is fall, and it might be cold already. For those who want to go for a walk, please bring your hiking boots.

Acknowledgements

We greatly appreciate funding of the Eibsee Meeting by the Hans and Ilse Breuer Foundation, the German Center for Neurodegenerative Diseases (DZNE) and SyNergy - Munich Cluster for Systems Neurology.

PROGRAM

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Monday, November 16

12:00 The traditional "scientific walk" around the lake (if weather permits, we'll meet in the lobby)

15:00 **Welcome**
Jonas Neher and Martin Dichgans, LMU Munich & DZNE, LMU Hospital & LMU Munich, Germany

15:05 – 15:45 **Keynote Lecture I**
Chair:

Shane Liddelow, NYU Grossman School of Medicine, New York, USA
Title tbd

15:45 – 16:45 **Topic I – Neurovascular mechanisms**
Chair:

15:45 – 16:05 Anne Joutel, Inserm, Institute of Psychiatry and Neuroscience of Paris, France
NOTCH3 accumulation in CADASIL: new and emerging concepts

16:05 – 16:25 Mohamad El Amki, University Hospital of Zurich, Switzerland
Neutrophils key players in microvascular failure after brain injury

16:25 – 16:45 Britta Engelhardt, Theodor Kocher Institute, University of Bern, Switzerland
The brain barriers as dynamic gatekeepers of CNS homeostasis and immune privilege

16:45 – 17:15 Coffee Break

17:15 – 17:55 **Special topic I: BBB Transport**
Chair:

17:15 – 17:35 David Attwell, University College London, UK
Defining the structures by which neurotoxic molecules leave the brain

17:35 – 17:55 Giuseppe Battaglia, Institute for Bioengineering of Catalonia, Barcelona, Spain
The LRP1 Pacsin2 axis across the blood-brain barrier: transport mechanism and therapeutic opportunities

18:00 Cocktails

19:00 Dinner

Tuesday, November 17

09:00 – 10:10 **Topic II – Immune mechanisms**
Chair: Jonas Neher

09:00 – 09:30 **Young Investigator Keynote Lecture I**
Giulia Albertini, VIB-KU Leuven, Center for Neuroscience, Belgium
From Pathogenesis to Therapy: Microglial Roles in Alzheimer's Disease Immunotherapy

09:30 – 09:50 Marco Prinz, University of Freiburg, Germany
A novel transcriptomic microglia taxonomy across mouse and human pathologies

09:50 – 10:10 Anne Schaefer, MPI Cologne, Germany
Title tbd

10:10 – 10:40 Coffee Break

10:40 – 11:40 SyNergy Young Scientists Session
Chair:

10:40 – 10:55 Johanna Gentz, German Center for Neurodegenerative Diseases, Munich, Germany
Hypothalamic Tauopathy is Linked to Weight Loss and Disturbances in Thermoregulation and Sleep

10:55 – 11:10 Christian Hoffmann, University Hospital (LMU), Munich, Germany
Reserve neurons in the peri-infarct area are transiently recruited to regain lost fine-motor function after a forelimb motor cortex stroke

11:10 – 11:25 Arek Kendirli, University Hospital (LMU), Munich, Germany
In vivo CRISPR screens define regulators of neuroinflammation in Multiple Sclerosis

11:25 – 11:40 Jessica Wagner, University of Munich (LMU), Germany
Mapping CAA across the Vascular Tree: From Proteomic Changes to Mechanistic Insights

11:40 – 12:20 Keynote Lecture II
Chair:

Ragnhildur Thóra Káradóttir, University of Cambridge, UK
Regenerative Plasticity: Understanding the Consequences of Focal White Matter Lesions

12:20 – 12:40 Mikael Simons, German Center for Neurodegenerative Diseases, Munich, Germany
Innate immune responses in myelin repair

12:45 – 13:45 Lunch

13:45 – 16:00 Time for recreation

16:00 – 17:00 Special Topic II: Tau pathology
Chair:

16:00 – 16:20 Jochen Herms, German Center for Neurodegenerative Diseases, Munich, Germany
Early axonal tau pathology in AD

16:20 – 16:40 Will McEwan, University of Cambridge, UK 7:20
Title tbd

16:40 – 17:00 Martin Citron, UCB Biopharma, Brussels, Belgium
From mechanistic hypothesis to drug development in neurodegeneration: Going after Tau spread

17:00 – 17:40 Keynote Lecture III
Chair:

Costantino Iadecola, Weill Cornell Medicine, New York, USA
Tau-Mediated Neurovascular Dysfunction: Mechanisms and impact on brain homeostasis

Flash talks (selected poster presentations)
Chair:

17:40 – 17:55 Seven two-minute talks with one slide

18:00 Dinner

19:30 Poster session (with free drinks)

Wednesday, November 18

9:00 – 9:30 **Young Investigator Keynote Lecture II**
Chair:

Doris Kaltenecker, Helmholtz Munich, Germany
A whole-body deep learning framework reveals systemic pathologies in obesity

9:30 – 11:40 **Topic III – Vascular Immune mechanisms**
Chair:

9:30 – 9:50 Alexi Nott, UK Dementia Research Institute at Imperial College London, UK
Vascular and immune epigenetic mechanisms of brain ageing and disease

9:50 – 10:10 Jonas Neher, University of Munich (LMU), Germany
Inflammatory mechanisms in vascular amyloidosis

10:10 – 10:40 Coffee Break

10:40 – 11:00 Lance Johnson, University of Kentucky, USA
Flipping the Switch on APOE: AD-relevant Effects of E4 to E2 Replacement Strategies

11:00 – 11:20 Soyon Hong, UCL London, United Kingdom
Neuro-glia-immune crosstalk at the synapse

11:20 – 11:40 Andrew Yang, Gladstone Institute & UCSF, USA
Redefining neuroimmune privilege through T cell engineering

Presentation of the Best Paper Award winners of the Hans and Ilse Breuer Foundation
Chair: Katja Bär

11:40 – 12:00 Six two-minute presentations of the award winners

12:00 – 12:10 Award ceremony

12:15 – 14:00 Lunch

14:00 Departure

19:00 Dinner
for participants staying until Thursday, November 19