

# 17

THE SEVENTEENTH EIBSEE MEETING ON  
**CELLULAR MECHANISMS OF  
NEURODEGENERATION**

October 25-27, 2017

*key note speakers:*

C. Dobson (University of Cambridge)  
H. Kettenmann (Max Delbrück Center for Molecular Medicine, Berlin)

*guest speakers:*

W. Annaert (VIB-KU Leuven)  
K. Egan (Harvard Stem Cell Institute, Cambridge)  
B. Eggen (University Medical Center Groningen)  
F. Heppner (Charité – Universitätsmedizin, Berlin)  
C. Lemere (Harvard Medical School, Boston)  
F. Livesey (University of Cambridge)  
W. Netzer (The Rockefeller University, New York)  
A. Nordberg (Karolinska Institute, Stockholm)  
L. Petrucelli (Mayo Clinic, Jacksonville)  
D. Rubinsztein (University of Cambridge)  
A. Saab (University of Zurich)  
D. Trotti (Thomas Jefferson University, Philadelphia)  
L. Van Den Bosch (VIB-KU Leuven)  
D. Walsh (Harvard Medical School, Boston)  
R. Youle (National Institutes of Health, Bethesda)  
T. Young-Pearse (Harvard Medical School, Boston)

*national speakers:*

C. Behrends, E. Düzel, D. Edbauer, D. Paquet,  
S. Parhizkar, A. Rominger, H. Steiner, B. Yousefi

*organized by:*

C. Haass (DZNE & University of Munich)



Deutsche  
Forschungsgemeinschaft



**The seventeenth Eibsee Meeting  
(October 25-27, 2017)**

**CELLULAR MECHANISMS OF  
NEURODEGENERATION**

**funded by the**

**DZNE, German Center of Neurodegenerative Diseases -  
Munich**

**The Hans und Ilse Breuer Foundation**

**SyNergy, Munich Cluster for Systems Neurology**

**\*\*\*\*\***

**organized by:**

**Christian Haass**

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## Location



## Travelling

**by train:** take the train to Garmisch (via Munich). In Garmisch please take a taxi to the hotel (about 15-20 min drive).

**by plane:** from Munich airport take the S-Bahn to Munich Central station. At the central station take the train to Garmisch (about 1 hr); 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 right at the foot of the Zugspitze.

## Weather

It is fall and it may be cold already. For those who like to go on 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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## Wednesday, October 25

Arrival, Hiking, Opening Lecture

12:30 The traditional “scientific walk” around the lake (if weather permits)

**15:00 – 15:15 Welcome** (Christian Haass)

**15:15 – 16:00 Key Note Lecture I**

Helmut Kettenmann, Max Delbrück Center for Molecular Medicine, Berlin, Germany  
To be determined

*16:00 – 16:45 Coffee Break / Poster Session*

**16:45 – 18:15 Glia**

*Chair:*

**Guest speakers**

16:45 – 17:10 Bart J.L. Eggen, University Medical Center Groningen, The Netherlands  
Heterogeneity in microglia during health and disease, a genome-wide (epi)genetic approach

17:10 – 17:35 Aiman S. Saab, University of Zurich, Switzerland  
Axon-glia signaling and energy metabolism in compact white matter

17:35 – 18:00 Frank Heppner, Charité – Universitätsmedizin Berlin, Germany  
To be determined

**Short talk**

18:00 – 18:15 Samira Parhizkar, University of Munich, Germany  
To be determined

*19:00 Cocktails*

*19:30 Dinner*

## Thursday, October 26

**9:00 – 9:45 Key Note Lecture II**  
Chris Dobson, University of Cambridge, UK  
To be determined

**9:45 – 11:50 Translational imaging**

*Chair:*

**Guest speakers**

9:45 – 10:10 Cynthia A. Lemere, Harvard Medical School, Boston, USA  
Longitudinal microPET imaging of neuroinflammation in mice: taking a peek at microglia during aging, AD progression, injury and treatment

10:10 – 10:35 Agneta K. Nordberg, Karolinska Institute, Stockholm, Sweden  
Understanding the time course of Alzheimer’s disease using multi-model PET imaging

*10:35 – 11:05 Coffee Break*

**Short talks**

11:05 – 11:20 Emrah Düzel, DZNE & University of Magdeburg, Germany  
To be determined

11:20 – 11:35 Axel Rominger, University of Munich, Germany  
Amyloid- and TSPO-PET in animal models of AD

11:35 – 11:50 Behrooz Yousefi, Technical University of Munich, Germany  
PET radiotracer development for non-invasive diagnosis of neurodegenerative diseases

**Flash talks I (Poster presentations)**

*Chair: Christian Haass*

11:50 – 12:00 Five two minute talks with one slide (selected from poster abstracts)

**12:00 – 12:20 Learn from the editors I**

*Chair: Christian Haass*

12:00 – 12:10 Stella Hurlley, Senior Editor, Science, Cambridge, UK  
Publishing your paper in Science

12:10 – 12:20 Céline Carret, Senior Editor, EMBO Molecular Medicine, Heidelberg, Germany  
To be determined

*12:30 – 13:30 Lunch*

*13:30 – 15:00 Time for Recreation*

**15:00 – 16:30 ALS/FTD**

*Chair:*

**Guest speakers**

15:00 – 15:25 Ludo Van Den Bosch, KU Leuven, Belgium  
To be determined

15:25 – 15:50 Davide Trotti, Thomas Jefferson University, Philadelphia, USA  
To be determined

15:50 – 16:15 Leonard Petrucelli, Mayo Clinic Jacksonville, USA  
To be determined

**Short talk**

16:15 – 16:30 Dieter Edbauer, DZNE & University of Munich, Germany  
Mouse models for C9orf72 ALS/FTD

**Flash talks II (Poster presentations)**

*Chair: Christian Haass*

16:30 – 16:40 Five two minute talks with one slide (selected from poster abstracts)

*16:40 – 17:20 Coffee Break*

**17:20 – 18:50 Amyloid**

*Chair:*

**Guest speakers**

17:20 – 17:45 Wim Annaert, VIB-KU Leuven, Belgium  
To be determined

17:45 – 18:10 William J. Netzer, The Rockefeller University, New York, USA  
A unique class of pharmacophores modulates selective processing of APP by BACE through cellular trafficking and degradation

18:10 – 18:35 Dominic M. Walsh, Harvard Medical School, Boston, USA  
To be determined

**Short talk**

18:35 – 18:50 Harald Steiner, University of Munich, Germany  
To be determined

*19:00 Dinner*

*20:30 Poster Session with Drinks*

## Friday, October 27

### **9:00 – 10:30 Human iPS-derived model systems of neurodegenerative diseases**

*Chair:*

#### **Guest speakers**

9:00 – 9:25 Kevin Eggan, Harvard Stem Cell Institute, Cambridge, USA  
To be determined

9:25 – 9:50 Tracy Young-Pearse, Harvard Medical School, Boston, USA  
To be determined

9:50 – 10:15 Frederick J. Livesey, University of Cambridge, UK  
To be determined

#### **Short talk**

10:15 – 10:30 Dominik Paquet, University of Munich, Germany  
To be determined

*10:30 – 11:10 Coffee Break*

### **11:10 – 12:15 Autophagy**

*Chair:*

#### **Guest speakers**

11:10 – 11:35 David Rubinsztein, University of Cambridge, UK  
Autophagy and polyglutamine disease proteins

11:35 – 12:00 Richard J. Youle, National Institutes of Health, Bethesda, USA  
Mitochondria, autophagy and proteotoxicity connections in Parkinson's Disease

#### **Short talk**

12:00 – 12:15 Christian Behrends, University of Munich, Germany  
To be determined

### **12:15 – 12:35 Learn from the editors II**

*Chair: Christian Haass*

12:15 – 12:25 Brett Benedetti, Editor Nature Medicine, New York, USA  
To be determined

12:25 – 12:35 Werner Paulus, Editor Acta Neuropathologica, Münster, Germany  
To be determined

*13:00 Lunch*

*14:00 Departure*

*14:00 SyNergy – Meeting of members*

*19:00 Dinner*

*for participants staying until Saturday, October 28*