

**LIN Honorary Symposium “Neuroplasticity in Health and Disease”  
on the occasion of retirement of Klaus Reymann**

LIN Magdeburg, June 8/9, 2017



**8. Juni 2017**

**13.00**            **Opening:** Constanze Seidenbecher

**13.30 – 15.00** **Session 1** Chair: Helmut Haas

13.30 - 13.55 Denise Manahan-Vaughan (Bochum)  
Metabotropic Memory

14.00 – 14.25 Ritchie Brown (Harvard/VA Boston)  
Fast-spiking parvalbumin neurons: not only important in the cortex!

14.30 – 14.55 Thomas Seidenbecher (Münster)  
Don't fear - or how to improve the publication output

**15.00 coffee break**

**15.30 – 17.00** **Session 2** Chair: Georg Reiser

15:30 – 15.55 Detlef Balschun (Leuven)  
The multiple faces of glycogen synthase kinase 3 $\beta$  in synaptic plasticity

16.00 – 16.25 Gernot Riedel (Aberdeen)  
Local rhythms in hippocampus and prefrontal cortex represent learning/memory relevant information

16.30 – 16.55 Michael Kreutz (Hamburg/Magdeburg)  
The many facets of Amyloid  $\beta$  and of Klaus Reymann

**17.00 snack break**

**17:30**            **Keynote lecture:** Graham Collingridge (Toronto/Bristol)  
Long-term potentiation in the hippocampus  
Introduction by Eckart Gundelfinger

**18:30**            **Retrospect/Rückblick:** Klaus Reymann

**19:00**            **Forward looks:** Georg Reiser

**19:15 Barbeque with invited guests**

## 9. Juni 2017

### 09.00 – 11.00 Session 3 Chair: Ferdinand Hucho

09.00 - 09.25 Ferdinando Nicoletti (Rome)

Loss-of-function mechanisms in AD explaining why most of disease modifiers don't work in clinical trials

9:30 – 9:55 Thomas Behnisch (Shanghai)

The sensible LTP

10.00 – 10.25 Olga Sergeeva (Düsseldorf)

Synaptic plasticity in mouse models of neuropsychiatric diseases

10.30 – 10:55 Eleanora Aronica (Amsterdam)

microRNAs in epileptogenesis: new therapeutic opportunities

### 11.00 coffee break

### 11.30 – 13.00 Session 4 Chair: Petra Henrich-Noack

11.30 - 11.55 Hans-Ulrich Demuth (Halle/Potsdam)

Diabetes and Alzheimer's disorder: Common molecular matters?

12.00 – 12.25 Jens Neumann and Monika Riek-Burchardt (Magdeburg)

Beware the intruder: Analysis of neutrophil-microglia interactions after stroke

12.30 – 12.55 Johannes Boltze (Lübeck)

Multimodal imaging in translational stroke research - mysterious fogs, intelligent gases and beyond

**13.00 Concluding remarks:** Klaus Reymann

**Optional: LIN lab visiting tour on request**

(e.g. SPECT – Jürgen Goldschmidt and Anja Oelschlegel)