

Introductory Remarks to Symposium 15

Breaking News II

Ivan Manzini, Gießen

Students had the choice to either register with a poster presentation or apply for an oral communication. The program committee has selected the young investigator presentations from these submissions and assigned them either to a symposium or to the Breaking News symposia.

For the third time, the NWG will award three prizes (500, 300, 200 €) for student participants at the Göttingen Meeting 2023 - the **Breaking News' Best Paper Awards**.

The prizes will be given to three young scientists who present the best talks in the Breaking News Symposia. Criteria for selection are the novelty of the findings which are presented and their potential impact on future research and the quality of the presentation, both the speech and the slides. A jury will pick the awardees, and the awards will be announced and bestowed during the conference after the last lecture on Friday.

The following students were selected to give a short communication in Symposium 15 – Breaking News II:

16:15 Opening Remarks

- 16:20 Melanie Scharr, Tuebingen
DKK1 – AN AMBIVALENT REGULATOR OF CELLULAR HOMEOSTASIS IN ENTERIC NERVOUS SYSTEM SIGNALLING (S15-1)
- 16:30 Sielke Caestecker, Ghent, Belgium
CHEMOGENETIC ACTIVATION OF THE LOCUS COERULEUS INCREASES NORADRENALINE LEVELS IN THE HIPPOCAMPUS AND MODULATES ITS HIPPOCAMPAL EXCITABILITY (S15-2)
- 16:40 Inés Hojas García-Plaza, Goettingen
INVESTIGATING ULTRASTRUCTURAL AND MOLECULAR CORRELATES OF SHORT-TERM FACILITATION AT HIPPOCAMPAL MOSSY FIBRE SYNAPSES (S15-3)

Symposium 15

Thursday, March 23, 2023
16:15 - 18:15, Lecture Hall 101

Chair: Ivan Manzini, Gießen

- 16:50 Nina Feller, Luebeck
CHARACTERIZATION OF TANYCYTES IN AN ALZHEIMER'S DISEASE MOUSE MODEL (S15-4)
- 17:00 Zeeshan Mushtaq, Kaiserslautern
MOLECULAR CHARACTERIZATION OF THE SEQUENTIAL PROCESSES UNDERLYING SYNAPTIC DEGENERATION (S15-5)
- 17:10 **Break**
- 17:20 Carmen Haider, Vienna, Austria
DE NOVO IMMUNOREACTIVITY AGAINST CENTRAL NERVOUS SYSTEM ANTIGENS AFTER HUMAN SPINAL CORD INJURY (S15-6)
- 17:30 Bernát Nógrádi, Szeged, Hungary
MOTONEURONAL INFLAMMASOME ACTIVATION TRIGGERS NEUROINFLAMMATION AND IMPEDES REGENERATION FOLLOWING SCIATIC NERVE INJURY (S15-7)
- 17:40 Bettina Habelt, Dresden
EVALUATION OF NEUROPHYSIOLOGICAL EFFECTS OF PSILOCYBIN IN CHRONIC ALCOHOLISM USING EPICORTICAL NEUROPROSTHETICS (S15-8)
- 17:50 Yannick Günzel, Konstanz
HOPPER BY NAME, HOPPER BY NATURE. DECISION-MAKING PROCESSES UNDERLYING THE LOCUST STARTLE RESPONSE (S15-9)
- 18:00 Yuebing Li, Bern, Switzerland
RHO-KINASE INVOLVEMENT IN SUBRETINAL FIBROSIS (S15-10)
- 18:10 **Concluding Remarks**