Introductory Remarks to Symposium 13

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 4th time, the NWG will award three prizes (500, 300, 200 €) for student participants at the Göttingen Meeting 2025 - 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 Saturday.

The following students were selected to give a short communication in Symposium 13 – Breaking News II:

14:30 **Opening Remarks**

14:35 Lena Jannasch, Tuebingen
COGNITIVE BIASES INFLUENCE NUMEROSITY JUDGMENTS IN MACAQUES AND CROWS (S13-1)

14:45 John Carl Begley, Berlin
PRIMARY NEURONAL CELL CULTURE IN AMBIENT CO_2 (S13-2)

14:55 Jing Ma, Juelich
DECREASED SYNAPTIC DENSITY IN SLEEP DEPRIVED MICE WITH [18F] SYNVEST-1 PET IMAGING (S13-3)

Symposium 13

Thursday, March 27, 2025
14:30 - 16:30, Lecture Hall 104

Chair: Ivan Manzini, Gießen

15:05 Kaoutar Elhabbari, Magdeburg
CHARACTERIZATION OF SOMATOSTATIN-EXPRESSING NEURONS IN THE ANTERIOR OLFACTORY NUCLEUS: MORPHOLOGICAL DIVERSITY AND FUNCTIONAL IMPLICATIONS (S13-4)

15:15 Maxim Quirijn Capelle, Konstanz
BEHAVIORAL ALGORITHMS OF ONTOGENETIC SWITCHING IN LARVAL AND JUVENILE ZEBRAFISH PHOTOTAXIS (S13-5)

15:25 **Break**

15:35 Vera Evander, Magdeburg
TRANSCRIPTOMIC DECODING OF THE LOCUS COERULEUS REGION IDENTIFIES DIFFERENTIAL VULNERABILITY IN AN EARLY STAGE MOUSE MODEL OF PARKINSON'S DISEASE (S13-6)

15:45 Carolin Gehr, Berlin
RETINAL INPUT INTEGRATION IN EXCITATORY AND INHIBITORY NEURONS IN THE MOUSE SUPERIOR COLLICULUS *IN VIVO* (S13-7)

15:55 Amina Abdelbaki, Cologne
SPATIOTEMPORAL DEEP LEARNING PIPELINE FOR DECODING STIMULUS-DRIVEN WHOLE-BRAIN CALCIUM IMAGING (S13-8)

16:05 Niccolò Milani, Berlin
EXTRAEMBRYONIC SOURCE OF SEROTONIN INVOLVED IN NEURODEVELOPMENT (S13-9)

16:15 Aybeniz Cetin, Goettingen
DEFINING THE ROLES OF PV AND VIP NEURONS IN TEXTURE DISCRIMINATION OF MICE VIA CHEMOGENETICS (S13-10)

16:25 **Concluding Remarks**