

Introductory Remarks to Symposium 13

Breaking News I

Marc Spehr, Aachen

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 13 – Breaking News I:

- 11:00 **Opening Remarks**
- 11:05 Francesco Monaca, London, UK
HORMONE-MEDIATED NEURAL REMODELLING ORCHESTRATES PARENTING ONSET DURING PREGNANCY (S13-1)
- 11:15 Fathima Mukthar Iqbal, Wuerzburg
CHARACTERIZATION OF DESCENDING AND MODULATORY NEURONS ENABLING ADAPTIVE WALKING IN *DROSOPHILA* (S13-2)
- 11:25 Lennart Roos, Goettingen
IN VIVO INVESTIGATION OF NOVEL CHANNELRHODOPSIN VARIANTS FOR OPTOGENETIC ACTIVATION OF THE AUDITORY PATHWAY BY BLUE LIGHT (S13-3)

Symposium 13

Thursday, March 23, 2023
11:00 - 13:00, Lecture Hall 101

Chair: Marc Spehr, Aachen

- 11:35 Berra Yildiz, Ulm
MOLECULAR ALTERATIONS UNDERLYING HYPOTONIA IN SHANK3 DEFICIENCY (S13-4)
- 11:45 Hung Lo, Berlin
BINGE EATING SUPPRESSES FLAVOR REPRESENTATIONS IN THE MOUSE OLFACTORY CORTEX (S13-5)
- 11:55 **Break**
- 12:05 Florian Zirpel, Oxford, UK
CIRCADIAN REGULATION OF TRIGEMINAL PAIN CIRCUITS (S13-6)
- 12:15 Alisa Bakhareva, Cologne
REGULATION OF SOCIAL BEHAVIOUR AND ANXIETY BY CORTICAL INPUTS TO LATERAL HYPOTHALAMUS (S13-7)
- 12:25 Andreas Franzelin, Hamburg
LIMITING FACTORS AND REGULATORY CONSEQUENCES OF cFos EXPRESSION (S13-8)
- 12:35 Alexandra Barayeu, Tuebingen
AN ELECTROSENSORY COCKTAIL PARTY PROBLEM (S13-9)
- 12:45 Petra Mocellin, Magdeburg
A SEPTAL-VTA CIRCUIT DRIVES EXPLORATORY BEHAVIOR (S13-10)
- 12:55 **Concluding Remarks**