

# 1<sup>st</sup> Bonn-Köln Neuroscience Symposium

Wednesday, 3<sup>rd</sup> July 2019

German Center for Neurodegenerative Diseases (DZNE) within the Helmholtz Association

09.00 – 09.30 **Welcoming Note**

**Frank Bradke** (DZNE, Bonn) &

**Ansgar Büschges** (Institute of Zoology, University of Cologne, RTG-NCA, Cologne)

## Morning Session:

**Chair: Gesa Dinges**

(20 min talk + 10 min discussion)

09.30 – 10.00 **Kevin Briggman**

caesar, Bonn

**Cellular resolution connectomics for mapping synaptic connectivity**

10.00 – 10:30 **Kei Ito**

Institute of Zoology, University of Cologne, RTG-NCA

**Connectomics analysis of the neurons in the unknown neuropils in the dorsal and posterior parts of the fly brain**

10:30 – 11.15 **Coffee Break**

## Midday Session:

**Chair: Max Schelski**

(20 min talk + 10 min discussion)

11:15 – 11:45 **Natalia Kononenko**

CECAD, Institute for Genetics, University of Cologne, RTG-NCA

**One-way ticket for a ride: how endocytic proteins prevent neurodegeneration in the brain**

11.45 – 12.15 **Gaia Tavosanis**

DZNE, Bonn

**In the flow: structural dynamics as a core property of the nervous system**

12.15– 13.45 **Lunch**

## Early Career Researcher Session:

**Chair: Tony Kelly**

(10 min talk + 5 min discussion)

13.45 – 14:00 **Philip Reinoß**

Institute of Zoology, University of Cologne, RTG-NCA

**Effects of Energy Homeostasis Control Systems on Locomotion in the Zebrafish**

14.00 – 14.15 **Sebastian Dupraz**

DZNE, Bonn

**RhoA Controls Axon Extension Independent of Specification in the Developing Brain**

14.15 – 14.30 **Merle Höning**

Institute for Nuclear Medicine, University Clinics Cologne, RTG-NCA

**Resilience towards Alzheimer's disease – The role of education**

14.30 – 14.45 **Eva Beins**

Institute for Molecular Psychiatry, University of Bonn

**Cannabinoids and social stress**

14.45 – 16.45 **Poster Session**

## Late Afternoon Session

**Chair: Elke Kalbe**

(20 min talk + 10 min discussion)

16.45 – 17.15 **Sandra Blaess**

University of Bonn School of Medicine & University Hospital Bonn

**Developmental mechanisms that establish neuronal diversity in the dopaminergic system**

17.15 – 17.45 **Silvia Daun**

Forschungszentrum Jülich & Institute for Zoology, University of Cologne, RTG-NCA

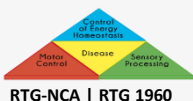
**Decoding the mechanisms underlying neural information processing in motor control**

17.45 – 18.00 **Closing remarks**

**Frank Bradke** (DZNE, Bonn) &

**Ansgar Büschges** (Institute of Zoology, University of Cologne, RTG-NCA, Cologne)

18.00 **Informal get-together**



RTG-NCA | RTG 1960



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