PROGRAM

Links for online participation will be sent by email

10:00-10:15  **Introduction** (incl. Best PhD Award 2020)
Prof. Fritjof Helmchen

10:15-11:30  **Short Talks by new ZNZ members** (10’ talk + 5’ Q&A)

10:15-10:30  **Microglia: Picky eaters in the vertebrate brain**
Prof. Francesca Peri, Department of Molecular Life Sciences (UZH)

10:30-10:45  **Genetically encoded tools for imaging neuromodulators in action**
Prof. Tommaso Patriarchi, Institute of Pharmacology and Toxicology (UZH)

10:45-11:00  **Large-scale monitoring of ultrasound neuromodulation**
Prof. Daniel Razansky, Institute for Biomedical Engineering (ETH) and Institute of Pharmacology and Toxicology (UZH)

11:00-11:15  **Long-term outcomes of erythropoietin in preterms**
Prof. Giancarlo Natalucci, Department of Neonatology (USZ)

11:15-11:30  **Parsing trauma memory and information processing to promote resilience and recovery**
Prof. Birgit Kleim, Department of Psychology (UZH) and Psychiatric University Hospital

11:30-12:15  **Poster Session I**
See details on page 2

12:15-12:45  **Break**

12:45-13:30  **Poster Session II**
See details on page 3

13:30-14:15  Volker-Henn Lecture
**Understanding human brain development and disease: from embryos to organoids** (recording and live Q&A)
Prof. Paola Arlotta, Dep. of Stem Cell and Regenerative Biology, Harvard University

14:15  **Concluding Remarks**

14:30-15:00  **General Assembly for ZNZ Group Leaders**
Poster Session I, 11:30-12:15

1) Synaptic Homeostasis / Plasticity
   Moderator: Igor Delvendahl

2) Neurodevelopmental Disorders I
   Moderator: Ruxandra Bachmann-Gagescu

3) Vision
   Moderator: Shih-Chii Liu

4) Word Processing
   Moderator: Alexis Hervais-Adelman

5) Aging Brain
   Moderator: Yicheng Wu

6) Sleep / Auditory Stimulation
   Moderator: Caroline Lustenberger

7) Stroke
   Moderator: Georgios Louloudis

8) Depression / Addiction
   Moderator: Nagiu Haymour

9) Neurofeedback
   Moderator: Lars Michels

10) Data Management / Analysis
    Moderator: Martina Nigri
Poster Session II, 12:45-13.30

1) Neurodevelopmental Disorders II  
Moderator: Sabine Dziemian

2) Epigenetics  
Moderator: Katharina Gapp

3) Auditory System / Hearing  
Moderator: Tomas Tomka

4) Protein Aggregation  
Moderator: Juan Gerez

5) Spinal Cord Injury  
Moderator: Marc Bolliger

6) Pain  
Moderator: Petra Schweinhardt

7) Stress  
Moderator: Johannes Bohacek

8) High Precision Recording of Activity  
Moderator: Dominik Groos

9) MRI Technology  
Moderator: Tim Emmenegger

10) Neuromorphic Devices / Machine Learning  
Moderator: Wolfger von der Behrens

All poster rooms of sessions I and II are also open at 16:00-17:00 for further discussions if desired by presenters and attendees.