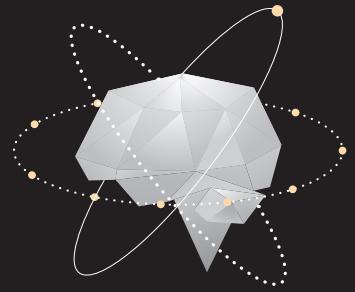


MULTIFACETED BRAIN COMMUNICATION



SEPTEMBER 15TH 2023

The Department of Fundamental Neurosciences
Lausanne Switzerland

PROGRAM

08H30-09H00

Registration Coffee Break

Introductory remarks Manuel Mameli & Paola Bezzi

09H00-10H00

Keynote Talk - Moderator Ludovic Telley

Sonia Garel, Paris, FR

«Microglia in early brain wiring: from circuit assembly to structural integrity»

10H00-10H30

Coffee break

10H30-12H45

Session 1 - Moderator Lukas Neukomm | **Communication across biological systems and species**

Musical Prelude| Francesco Bartoletti

Richard Benton, Lausanne, CH

«Evolution of olfactory receptors, circuits and behaviours in Drosophila»

Laurent Nguyen, Liege, BE

«Regulation of cerebral cortex morphogenesis by migrating cells»

Sonja Vernes, St Andrews, UK

«What bats have to say about speech and language – a neuromolecular approach»

Selected Talks: Johannes Larsch, Lausanne «Neurogenetics of social affiliation in zebrafish»

Rafik Dali, Lausanne «Annexin A1 as tanyocyte signal mediating Tanyocyte/Neuron communication»

12H45-14H30

Lunch + Poster Session

14H30-16H45

Session 2 - Moderator Jean-Yves Chatton | **Communication diversity, from micro- to macroscale**

Musical Prelude| Francesco Bartoletti

Giovanni Marsicano, Bordeaux, FR

«Cannabinoid signaling in the brain: extracting specificity from ubiquity»

Claudia Bagni, Lausanne, CH

«The Challenge of Flexibility in Fragile X Syndrome»

Soyoung Park, Nuthetal, DE

«Gut-Brain interaction in human decision making»

Selected Talks: Najma Cherrad, Lausanne «Body-brain communication in sleep through the vagal afferent system»
Anne-Claire Compagnon, Lausanne »Loss of TDP-43 in microglia leads to abnormal brain development»

16H45-17H00

Coffee Break

17H00-18H00

Keynote Talk- Moderator Vassiliki Nikoletopoulou

Beth Stevens, Boston, USA

«Connecting microglia states to function in development and disease»

18H00-18H15

Painting| Ignazio Matzeu

Poster Prizes & Concluding Remarks Jean-Yves Chatton

Aperitif/Dinner open to Registered participants