

---

# From Bench to Bedside Symposium

## Friday, 9<sup>th</sup> February 2024

---

Biozentrum, Lecture Hall Maurice E. Müller, Spitalstrasse 41, 4056 Basel

08:25 **Welcome and opening:** Josef Bischofberger *(Department of Biomedicine, University of Basel)*

**Keynote Lecture 1** chaired by Josef Bischofberger *(Department of Biomedicine, University of Basel)*

08:30-09:15: **Linda Simmler** *(Department of Pharmaceutical Sciences, University of Basel)*

*“Threats and opportunities of synaptic plasticity in psychiatric disorders”*

### Session 1 “Choroid Plexus - CSF – Neuron interactions”

chaired by Gray Camp *(Institute of Human Biology, Basel)*

09:15-09:40: **Violeta Silva Vargas** *(Biozentrum, University of Basel)*

*“The Choroid Plexus: a multifunctional player in the brain”*

09:40-10:05: **Steven Proulx** *(Theodor Kocher Institute, University of Bern)*

*“The drainage of cerebrospinal fluid: new insights into lymphatic clearance pathways”*

10:05-10:30: **Laura Pellegrini** *(Centre for Developmental Neurobiology, King's College London, England)*

*“Choroid Plexus organoid models”*

### 10:30-11:00 Coffee Break

### Session 2 “Neuronal mechanisms for reward learning across model organisms”

chaired by Rainer Friedrich *(Friedrich Miescher Institute, Basel)*

11:00-11:25 **Carolyn Warnecke** *(Friedrich Miescher Institute, Basel)*

*“Reward memory re-evaluation in Drosophila”*

11:25-11:50 **Tommaso Caudullo** *(Friedrich Miescher Institute, Basel)*

*“Novelty detection and efficient coding in the zebrafish homolog of olfactory cortex”*

11:50-12:15 **Julian Hinz** *(Friedrich Miescher Institute, Basel)*

*“State- and context-dependent reward representations in the mouse amygdala”*

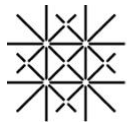
**Keynote Lecture 2** chaired by Andreas Lüthi *(Friedrich Miescher Institute, Basel)*

12:15-13:00 **Rony Paz** *(Weizmann Institute, Rehovot, Israel)*

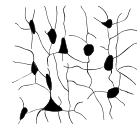
*“Probing and reversing valence representations in the primate brain”*

### 13:05-14:30 Lunch Break

### 13:45-14:15 NNB General Assembly (For NNB members only)



Universität  
Basel



NEUROSCIENCE  
NETWORK  
BASEL

---

# From Bench to Bedside Symposium

## Friday, 9<sup>th</sup> February 2024

---

### Session 3 “Neuroscience of brain tumors”

chaired by Raphael Guzman (*University Hospital Basel, University of Basel*)

14:30-14:55 **Sophie Heuer** (*University Hospital Heidelberg, Germany*)

*“Neural mechanisms of brain tumor progression”*

14:55-15:20 **Stephan Frank** (*University Hospital Basel*)

*“Molecular Diagnostic of brain tumors”*

15:20-15:45 **Gregor Hutter** (*University Hospital Basel, University of Basel*)

*“CAR-T and new glioma therapies”*

### 15:45-16:15 Coffee Break

**Keynote Lecture 3** chaired by Peter Scheiffele (*Biozentrum, University of Basel*)

16:15-17:00 **Azad Bonni** (*Neuroscience & Rare Diseases in Pharma Research & Early Development, Roche, Basel*)

*“Deregulation of Ubiquitin Signaling in Genetic Neurodevelopmental Disorders”*