

2nd Swiss Early-Career Researchers Symposium

21.2.2020

University of Bern

Symposium Program

Organizers

Norbert Hogrefe

Laetitia Thieren

Zhouling Ed Li

Raquel Adaia Sandoval Ortega

Nagiua Haymour

Maria Reva

Support and sponsors



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Promotion Fund

Program

From 08:30 on

Registration

09:00 – 09:15

Norbert Hogrefe

Opening remark

Keynote lecture

09:15 – 10:15

Dr. Marcus Stephenson-Jones
*Sainsbury Wellcome Centre,
London, UK*

Involvement of ventral pallidal neurons in reward seeking and punishment avoidance

10:15 – 10:45

Coffee Break

Morning session

10:45 – 11:00

Gwendolin Schoenfeld
*University of Zürich (Group
Helmchen)*

Reward-related functional changes in tuft dendrites of L5 pyramidal neurons in S1 during learning of a tactile discrimination task

11:00 – 11:15

Simon d'Aquin
FMI, Basel (Group Lüthi)

Compartment-specific plasticity in the lateral amygdala during fear learning

11:15 – 11:30

Michael Kintscher
EPFL (Group Schneggenburger)

Antagonistic but coordinated action of direct/indirect pathway medium spiny neurons in learned fear

11:30 – 11:45

Silvia Monari
EPFL (Group Sandi)

Fear extinction impairments in rats selected for blunted glucocorticoid responsiveness

11:45 – 12:00

Sebastian Krüttner
FMI, Basel (Group Caroni)

ASD-like behavioral phenotypes in Shank3^{-/-} mice reflect specific deficits to engage to novelty

12:00 – 12:15 **Mario Acuña**
University of Bern (Group Nevian) Network dynamics in the Anterior Cingulate Cortex

Special Topic

12:15 – 12:25 **Max Bautista Perpinyà**
Utrecht University Journal of Trial and Error – Revising Science in the Making

12:30 – 14:00 1st poster session and Lunch

Afternoon session

14:00 – 14:15 **Clément Prévost-Solié**
University of Geneva (Group Bellone) Dissecting aspects of social interaction encoded by Dopamine neurons within the Ventral Tegmental Area

14:15 – 14:30 **Hazem Toutounji**
University of Zürich and ETH Zürich (Group Hahnloser) Inferring the subjective value of juvenile zebra finch's own song during motor learning

14:30 – 14:45 **Basil Preisig**
University of Zürich (Group Hervais-Adelman) Modulating interhemispheric functional connectivity during auditory speech perception

14:45 – 15:00 **Guiseppe Zito**
Hôpitaux Universitaires La Pitié salpêtrière (Group Worbe) Modulation of the sense of agency in functional neurological disorders using non-invasive brain stimulation. A multimodal fMRI-TMS study

15:00 – 15:15 **Marc Grau Leguia**
University of Bern (Group Baud) Chronotypes in focal epilepsy

15:15 – 15:30	Aagam Shah <i>ETH Zürich (Group Yanik)</i>	Non-invasive, receptor-specific, millimeter-precision manipulation of brain circuits
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15:30 – 17:00 **2nd poster session and coffee break**

2nd Afternoon session

17:00 – 17:15	Norbert Hogrefe	Best Presentation award
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Final remarks

17:15 – open	Sol Fustiñana <i>FMI, Basel (Group Lüthi)</i>	Panel discussion followed by an Apéro
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