

3rd Annual Meeting of the Swiss Stress Network

Virtual meeting

January 26th 2021

----- Members only -----

13:25 – 13:30 **Opening remarks – Carmen Sandi**

13:30 – 14:00 **Talks: new members of StressNetwork.ch**

Chair: Chantal Martin Sölch, University of Fribourg

Mohamed Bentires-Alj, University of Basel

Cancer targeted therapy and tumor heterogeneity: Act locally, think globally

Collin Ewald, ETHZ

Reduced TOR signaling regulates ATF4 to promote stress resistance and longevity

14:00 - 14:30 **General Assembly**

----- Open to public -----

14:30 - 15:25 **Round table 1: How can we translate our stress research from animals to human research and applications?**

Chair: David Sander, University of Geneva

Johannes Bohacek, ETHZ

The molecular signature of a healthy stress response

Christophe Lamy, University of Fribourg

Stressors from within: Brain circuits of interoception

Isabelle Mansuy, University of Zurich & ETHZ

Assessment of the epigenetic signature of early trauma in mice and humans

Manuel Mameli, University of Lausanne

The synaptic traces after persistent stress

15:30 - 16:25 **Round table 2: New technologies and methods for stress research and treatment**

Chair: Todd Hare, University of Zurich

David Atienza, EPFL

Combining fog computing and machine learning for stress monitoring and prevention

David Sander, University of Geneva

Towards a componential approach to stress?

Silvia Maier, University of Zurich

Pupil dilatation during emotion reappraisal predicts self-regulation success across domains

Dominique de Quervain, University of Basel

Virtual and augmented reality apps for the treatment of phobias

Carmen Sandi, EPFL

From human behavior and metabolism to psychopathology: Studies on virtual reality and MRS

16:30 - 17:25

Round table 3: Stress at work and burnout

Chair: Roland von Känel, University of Zurich

Gregor Hasler, University of Fribourg

Impact of residential mobility stress on the brain

Irina Guseva Canu, Unisanté

Research on occupational burnout at Unisanté

Laurenz Meier, University of Neuchâtel

Social aspects of work stress and burnout

Norbert Semmer, University of Bern

Illegitimate tasks in academia and the role of intrinsic motivation

Birgit Kleim, University of Zurich

The science and clinical application of stress and resilience in first responders

Antje Horsch, University of Lausanne & CHUV

Work-related stress and mental health symptoms in midwives and NICU nurses

17:25 - 17:30

Closing remarks – Dominique de Quervain

17:30 - 18:15

Aperitif

Prepare your drinks and stay for networking