



**FENS**

Federation of  
European  
Neurosciences  
Societies

**11<sup>th</sup>** FENS

**Forum of Neuroscience**  
7-11 July 2018 | Berlin, Germany



## 8<sup>th</sup> EMCCS-FENS Satellite Meeting

**Date:** July 6<sup>th</sup>, 2018

The meeting will start at 9:00 and end at 19:00, including a poster session.

**Venue:** CharitéCrossOver (CCO) Auditorium, Charité Campus

Address: Virchowweg 6, 10117 Berlin, Germany

### **Organizing committee:**

Angel Barco (Universidad Miguel Hernández de Elche, Instituto de Neurociencias, Spain)

Andre Fischer (Deutsches Zentrum für Neurodegenerative Erkrankungen e.V., Germany)

Kobi Rosenblum (University of Haifa, Israel)

### **Administrative organization:**

Shunit Ben Ari (University of Haifa, Israel)

Alina Elkobi (University of Haifa, Israel)

Ulrike Kramer (Deutsches Zentrum für Neurodegenerative Erkrankungen e.V., Germany)

### **Program**

9:00-9:10 Welcome: Kobi Rosenblum (President of EMCCS, University of Haifa, Israel)

### **Session1: Neuronal plasticity and brain circuits**

Chair: Steven A. Kushner (Erasmus University Medical Center, the Netherlands)

09:10-09:35

**Raffaella Tonini** (Istituto Italiano di Tecnologia, Genova, Italy). Serotonergic mechanisms of plasticity at striatal circuits

09:35-10:00

**Marianne Fyhn** (University of Oslo, Norway). Removal of perineuronal nets impairs remote memory recall

10:00-10:25

**Yiota Poirazi** (Institute of Molecular Biology & Biotechnology, Greece). Learning and remembering with dendrites: insights from computational models

10:25-10:50 Break





**FENS**

Federation of  
European  
Neurosciences  
Societies

**11<sup>th</sup>** FENS

**Forum of Neuroscience**  
7-11 July 2018 | Berlin, Germany



## **Session 2: Synaptic plasticity in intellectual disabilities and neurodegenerative diseases**

Chair: Claudia Bagni (University of Lausanne, Switzerland)

10:50-11:15

**Frédéric Saudou** (University Grenoble Alpes, France). Huntington's disease: from axonal transport to neurotrophin signaling and circuits defects

11:15-11:40

**Ted Abel** (University of Iowa, USA). Male-specific deficits in reward learning in mouse models of autism

11:40-12:15 General Assembly of EMCCS

12:15-14:30 Lunch and poster session

## **Session 3: Molecular and cellular mechanisms of learning and memory**

Chair: Riccardo Brambilla (Cardiff University, United Kingdom)

14:30-14:45

**Adonis Yiannakas** (University of Haifa). Distinct roles for insular cortex GABAergic interneuron subtypes during the acquisition and retrieval of conditioned taste aversion learning

14:45-15:10

**Oliver Stork** (Otto-von-Guericke University Magdeburg). Local hippocampal circuits controlling the strength of context fear memory

15:10-15:35

**Bong-Kiun Kaang** (Seoul National University, South Korea) Inter-regional connectivity among engram neurons after memory formation

15:35-15:50

**Cemil Kerimoglu** (Deutsches Zentrum für Neurodegenerative Erkrankungen e.V., Germany). RNA-dependent intergenerational inheritance of enhanced cognitive ability after environmental enrichment

15:50-16:05

**Adar Adamsky** (The Hebrew University of Jerusalem, Israel). Astrocytic inhibition in CA1 impairs remote memory acquisition by disrupting CA1 to ACC communication)

16:05-16:30 Break





FENS

Federation of  
European  
Neurosciences  
Societies

11<sup>th</sup> FENS  
Forum of Neuroscience  
7-11 July 2018 | Berlin, Germany



#### **Session 4: Molecular and cellular mechanisms of stress and emotional processing**

Chair: Jocelyne Caboche (Université Pierre et Marie Curie, France)

16:30-16:55

**Emmanuel Valjent** (Centre National de la Recherche Scientifique, France) Dopamine signaling in the extended amygdala regulates defensive behaviors

16:55-17:20

**Giovanni Marsicano** (Institut National de la Santé et de la Recherche Médicale, France). Title is to be announced

17:20-17:45

**Asya Rolls** (Rappaport Medical School, Technion, Israel Institute of Technology). The neuro-immune axis: using the brain to control immunity

17:45-18:00

**Nancy Gallus** (University of Alabama at Birmingham). Enhancer RNAs are necessary and sufficient for activity-dependent neuronal gene transcription

18:00-18:15 Concluding remarks: Kobi Rosenblum and Andre Fischer

