



FENS Federation of European Neurosciences Societies

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



8th EMCCS-FENS Satellite Meeting

Date: July 6th, 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). Title is to be announced

10:00 -10:25

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

10:25 - 11:00 Break



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Session 2: Synaptic plasticity in intellectual disabilities and neurodegenerative diseases

Chair: Claudia Bagni (University of Lausanne, Switzerland)

11:00-11:25

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

11:25-11:50

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

11:50-12:00

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12:00-12:30 General Assembly of EMCCS

12:30 - 15:00 Lunch and poster session

Session 3: Molecular and cellular mechanisms of learning and memory

Chair: Riccardo Brambilla (Cardiff University, United Kingdom)

15:00-15:25

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

15:25-15:50

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

15:50-16:20

Two speakers selected from Abstracts

16:20 - 16:50 Break



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

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

16:50-17:15

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

17:15-17:40

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

17:40-18:05

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

18:05-18:35

Two speakers selected from Abstracts

18:35-18:45 Concluding remarks: Kobi Rosenblum and Andre Fischer



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