The dynamic brain: synaptic plasticity and intrinsic volatility

November 28th, 2019

ELSC: Room 2004, Goodman Brain Sciences Building,

The Hebrew University of Jerusalem

Thursday 28.11.19

9:50-10:00	Opening words
10:00-10:40	**Adi Mizrahi** (The Hebrew University): *New neurons - a solution to the stability/plasticity dilemma in olfaction*
10:40-11:20	**Simon Rumpel** (Mainz University): *Recombination of cell assemblies during basal conditions and learning*
11:20-11:40	***Coffee Break***
11:40-12:20	**Noam Ziv** (Technion): *Activity dependent and independent determinants of synaptic size diversity*
12:20-13:00	**Naama Brenner** (Technion): *Modeling synaptic populations and network dynamics*
13:00-14:00	***Lunch Break***
14:00-15:00	**Haruo Kasai** (Tokyo University): *The plasticity and fluctuations of dendritic spines and their behavioral consequences*
15:00-15:20	***Coffee Break***
15:20-16:00	**Alessio Attardo** (MPI of Psychiatry): *Stability of excitatory structural connectivity predicts the probability of CA1 pyramidal neurons to become engram neurons*
16:00-16:40	**Yaniv Ziv** (Weizmann Institute): *Stability and dynamics in neural codes for long-term memory of places and events*
16:40-17:00	***Coffee Break***
17:00 -17:40	**Inna Slutsky** (Tel-Aviv University): *Plasticity and stability of hippocampal circuits: From basic principles to malfunctions*
17:40-18:20	**Yonatan Loewenstein** (The Hebrew University): *Choice bias as a window to the microscopic dynamics of choice*