

MEETING PROGRAM

September 18 (Wednesday)

– 6:30 pm	Arrival and Check-in	
6:30 pm – 7:30 pm	Registration and Reception	
7:30 pm – 7:40 pm	Welcome Address: Eunjoon Kim (Institute for Basic Science / KAIST)	
Plenary Lecture 1		Chair: Michael R. Kreutz
7:40 pm – 8:20 pm	Eckart D. Gundelfinger (Leibniz Institute for Neurobiology) "Cell-autonomous factors controlling excitatory synapse formation and spinogenesis in young neurons"	
Session 1.1		Chair: Michael R. Kreutz
8:20 pm – 8:50 pm	Scott Soderling (Duke University) "Circuit analysis of gene to synapse influences of social behavioral abnormalities"	
8:50 pm – 9:20 pm	Daniel Choquet (University of Bordeaux) "Nanoscale organization of glutamate receptors and synaptic function"	

September 19 (Thursday)

8:30 am – 9:00 am	Registration	
Session 1.2		Chair:
9:00 am – 9:30 am	Yukiko Goda (RIKEN) "Differential pre- and postsynaptic contributions in setting the synaptic strengths across a dendritic tree in hippocampal neurons"	
9:30 am – 10:00 am	Matthijs Verhage (Vrije Universiteit) "Unique and shared principles in the regulated secretion of different chemical signals for mammalian CNS neurons"	
10:00 am – 10:30 am	C. Justin Lee (Institute for Basic Science) "Activation of Astrocytic μ -Opioid Receptor Causes Conditioned Place Preference"	
10:30 am – 11:00 am	Coffee Break	
Session 1.3		Chair:
11:00 am – 11:30 pm	Jaewon Ko (Daegu Gyeongbuk Institute of Science and Technology) "Organization of Presynaptic Assembly and Neurotransmitter Release Machinery by LAR-RPTPs"	
11:30 am – 12:00 pm	Johannes W. Hell (University of California Davis) "a-Actinin anchors the L-type Ca^{2+} channel $Ca_v1.2$ at postsynaptic site and turns its activity on"	
12:00 am – 12:30 pm	Thomas Oertner (Center for Molecular Neurobiology, Hamburg) "A genetically encoded sensor to map active synapses"	
12:30 pm – 2:00 pm	Lunch (2F, Hotel Shilla Stay)	
2:00 pm – 3:30 pm	Poster Session with Coffee Break	
Session 2.1		Chair:
3:30 pm – 4:00 pm	Peter Scheiffele (University of Basel) "Cell biological mechanisms of synapse and circuit dysfunction in rodent models of autism-spectrum disorders"	
4:00 pm – 4:30 pm	Ofer Yizhar (Weizmann Institute of Science) "Social dysfunction and network-level noise in a mouse model of autism"	
4:30 pm – 5:00 pm	Min Whan Jung (Institute for Basic Science / KAIST) "Different contributions of somatostatin- and parvalbumin-expressing neurons to flexibility of prefrontal cortical neuronal activity"	
5:00 pm – 5:30 pm	Tobias M. Boeckers (Ulm University) "Synapses and neuropsychiatric diseases"	
5:30 pm – 6:10 pm	Poster Short Talks (10 mins * 4 posters)	
6:30 pm – 8:00 pm	Dinner (TBA)	

September 20 (Friday)

Session 2.2		Chair: Eunjoon Kim
9:00 am – 9:30 am	Marina Mikhaylova (Center for Molecular Neurobiology Hamburg) "Glutamatergic shaft synapses - regulators of organelle trafficking in dendrites?"	
9:30 am – 10:00 am	Haruhiko Bito (University of Tokyo) "Arc-dependent regulation of long-term synaptic plasticity"	
10:00 am – 10:30 am	Group Photo and Coffee Break	
Plenary Lecture 2		Chair: Eunjoon Kim
10:30 am – 11:10 am	Morgan Sheng (Broad Institute of MIT and Harvard) "Mechanisms of synapse loss and mitochondrial dysfunction in Alzheimer's disease"	
Session 3.1		Chair:
11:10 am – 11:40 am	Hee-Sup Shin (Institute for Basic Science) "Thalamic control of fear memory extinction"	
11:40 am – 12:10 am	Yi-Ping Hsueh (Academia Sinica) "Interhemispheric Connectivity in Mouse Models of Autism Spectrum Disorders"	
12:10 am – 1:40 pm	Lunch (2F, Hotel Shilla Stay)	
1:40 pm – 3:00 pm	Poster Session with Coffee Break	
Session 3.2		Chair:
3:00 pm – 3:30 pm	Carlo Sala (Istituto di Neuroscienze) "Inhibition of eEF2K activity rescues disease in a mouse model of Dravet syndrome"	
3:30 pm – 4:00 pm	Toru Takumi (RIKEN) Synapse and functional network in autism	
4:00 pm – 4:30 pm	Nils Brose (Max Planck Institute for Experimental Medicine) "Dynamic regulation of presynaptic efficacy in health and disease"	
4:30 pm – 5:00 pm	Coffee Break	
Session 3.3		Chair:
5:00 pm – 5:30 pm	Stephan Sigrist (Freie Universität Berlin) "Antagonistic signaling modules integrate synaptic plasticity with developmental assembly"	
5:30 pm – 6:00 pm	Volker Haucke (Forschungsinstitut für Molekulare Pharmakologie) "Molecular mechanisms of presynaptic function and biogenesis"	
6:00 pm – 6:10 pm	Closing Remarks: Michael R. Kreutz (Leibniz Institute for Neurobiology)	
6:30 pm – 8:00 pm	Dinner (TBA)	

September 21 (Saturday)

8:30 am	Meeting point: Hotel lobby (2F)
8:30 am – 12:30 pm	Social Tour (Optional)
12:30 pm –	Departure