

Molecular Biology of Hearing and Deafness 2018

Channels and Synapses - Satellite Symposium

Day 4, Saturday May 19th, 2018

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13:30 – 18:00	Satellite Symposium “Channels and Synapses”
13:30 – 13:50	Erwin Neher , Max Planck Institute for Biophysical Chemistry, Germany “Highly Dynamic Vesicle Pools: More insight on Molecular Mechanisms?”
13:50 – 14:10	Thomas Voets , KU Leuven, Belgium “TRP channels – thermo- and chemosensors in the skin”
14:10 – 14:30	Dirk Beutner , University Medical Center Göttingen, Germany “tba”
14:30 – 14:50	Henrique von Gersdorff , Oregon Health & Science University, USA “Synaptic vesicle exocytosis at hair cell synapses”
14:50 – 15:10	Mark Rutherford , Washington University, USA “Three-dimensional electron microscopy (3DEM) and stochastic optical reconstruction microscopy (STORM) in the inner spiral plexus revealing glutamate receptor molecular anatomy relative to ribbon synapse ultrastructure”
15:10 – 15:40	Coffee break
15:40 – 16:00	Thomas Frank , Friedrich Miescher Institute for Biomedical Research, Switzerland “Remapping of odor representations in the zebrafish forebrain by inhibitory network plasticity”
16:00 – 16:20	Aaron Wong , Erasmus MC, The Netherlands “Functional characterization of the dorsal auditory midbrain in awake mice”
16:20 – 16:40	Nikolai Chapochnikov , Flatiron Institute, USA “Neuronal activity and connectivity in a glomerular olfactory system”
16:40 – 17:00	M. Magdalena Picher , Institute of Science and Technology, Austria “Intracellular characterisation of place cell activity in the hippocampal CA3 subregion”
17:00 – 17:20	Andreas Neef , Max Planck Institute for Dynamics and Self-Organization, Germany “Biophysics of neural computation”
17:20 – 17:40	SangYong Jung , Singapore Bioimaging Consortium, Singapore “tba”
17:40 – 18:00	Jakob Neef , University Medical Center Göttingen, Germany “Superresolution imaging of presynaptic Ca ²⁺ in auditory inner hair cells”