

2nd International PhD Students Meeting

Location: "Fodele Beach Hotel", Heraklion, Greece

Date: May 22nd 2009



Program

08:45 **Welcome Note**

09:00 Student talks (session I): Development
Chair: Markella Katidou

09:00 Marzena Stefaniuk: Manipulation of *Ttyh1* gene expression influences cell morphology in neuroblastoma and hippocampal neurons *in vitro*

09:10 Mathieu Niquille: Transient neuronal populations are necessary for the formation of the corpus callosum

09:20 Heidi Soellner: Adaptive plasticity of neuronal circuits during postnatal mouse development

09:30 Yasuko Nakamura: PICK1: A novel regulator of dendritic spine morphology

09:40 Augusto Escalante: The transcription factor *Zic2* determines axonal laterality at the ventral spinal cord midline

09:50 Niklas Senghaas: Boundary formation and neuronal differentiation in the zebrafish hindbrain

10:00 Marie Kneib: IL1-receptor accessory protein-like 1 (IL1RAPL1) controls inhibitory networks during cerebellar development

10:10 Coffee Break

10:40 Round table: Prof. Dr. Erwin Neher

11:40 Student talks (session II): Electrophysiology
Chair: Matthias Rieckher

11:40 Manuel Molano: Intracellular information and the interplay between activity fluctuations and stimulus encoding in the barrel cortex

11:50 Hui Min Tan: M-current Modulation of Gamma Oscillations and Action Potential Phasing in the Hippocampus *in vitro*

12:00 Siobhan Dennis: The role of SUMOylation in Kainate Receptor trafficking during Oxygen Glucose Deprivation

12:10	Marta Díaz-Quesada: Diversity of thalamocortical short-term plasticity affects coding of natural versus regular stimulus sequences
12:20	Eva Benito: Differential contribution of synaptic plasticity-related transcription factors to the activity-driven neuronal transcriptome
12:30	Sabine K. Schmitz: Role of Cyclin-Dependent Kinase 5 Phosphorylation of Munc18 in synaptic transmission
12:40	Lunch Break
14:00	Lecture 2: Prof. Dr. Claudina Pousada
15:00	Student talks (Session IIIA): Learning and memory Chair: Kostoula Troulinaki
15:00	Cemil Kerimoglu: Formin 2 regulates extinction of learned fear
15:10	Leiron Ferarrese: Development of a live reporter system to identify CREB-activated neurons
15:20	Tanja Kuczera: The Anaphase-Promoting Complex in Synaptic Function, Learning and Memory
15:30	Student talks (Session IIIB): Stem cells Chair: Kostoula Troulinaki
15:30	Oliver Ehm: Examining the role of the Notch-signalling pathway in the regulation of Sox2
15:40	Muhammad Amir Khan: FoxO transcription factors in adult neurogenesis
15:50	Aida Platero-Luengo: Understanding the adult carotid body stem cell niche
16:00	Isabel Reillo: Evidences for the widespread existence of OSVZ in the developing cerebral cortex among gyrate mammals
16:10	Coffee Break
16:40	Student talks (Session IV): Cell biology Chair: Nikos Kourtis
16:40	María Hidalgo-Figueroa: GDNF-dependent mechanisms required for catecholaminergic neuron survival
16:50	Emilia Horjales-Araujo: Brain circuitry in the regulation of energy metabolism: Focus on the link between starvation and arousal
17:00	Tony Cijssouw: Role of Synaptotagmin 1 in Large Dense Core Vesicle dynamics and release
17:10	Trojanová Johanna: Subcellular distribution of presynaptic chloride-permeable glycine receptors
17:20	Henrike Planert: Intrastratial synaptic connectivity of different subtypes of the medium spiny projection neuron in two model systems
17:30	Lecture 3: Dr. Jan Taplick
18:30	Closing remarks
20:00	Dinner & Social time