

3rd Consolidator 8th IN Progress Report Workshop

28 & 29 June 2012

09:45 Inauguration of the Meeting. Juan Lerma. Institute Director.

Session 1: Chairperson: Juan Lerma.

10:00 **Salvador Martínez.**

Topic unknown.

10:30 **Emilio Geijo.**

Electrophysiology of the cerebral cortex; propagation of synchronous responses and role of the corpus callosum

11:00 **Ricardo Scott.**

Firing control by $\text{Na}^+/\text{Ca}^{2+}$ Exchange at the spike initiation site

11:30 **Clara Faura.**

μ -opioid receptor-mediated anti-nociception and cross-regulation between μ - and δ -opioid receptors.

12:00 Coffee Break

Session 2: Chairperson: Angel Barco.

12:30 **Luis Miguel Gutierrez.**

Molecular Mechanisms of exocytosis in a neuroendocrine cell model.

13:00 **Manolo Criado.**

Gating and Biogenesis in Nicotinic Receptors.

13:30 **Miguel Maravall.**

Sensory response diversity and thalamocortical communication
In the whisker system



Session 3: Chairperson : Luis Martínez.

10:00 **M Carmen Acosta.**

Altered corneal nerve activity, morphology and epithelial wound healing in experimental lacrimodeficient dry eye.

10:30 **Santiago Canals.**

Resting-state fMRI: dynamic fingerprints of brain connectivity?.

11:00 **Luis Miguel Valor.**

Transcriptome analysis in neurodegenerative diseases

11:30 Coffee break.

Session 4: Chairperson : Diego Echevarría.

12:00 **Eduardo Puelles.**

Differentiation programs of ventral neuronal populations.

12:30 **Beatriz Rico.**

On the assembly of neural circuits: from axon development to synapse formation.

13:00 **Luis García-Alonso.**

Intercellular communication and the control of organ size

13:30 Lunch break.

