

2nd Consolider 7th IN Progress Report Workshop



30th June & 1st July 2011

10:15 Inauguration of the Meeting. Juan Lerma. Institute Director.

Session 1: Chairperson: Manolo Criado.

- 10:30 **Juan Lerma.**
Assesing the Kainate Receptor's Interactome.
- 11:00 **Javier Sáez-Valero.**
Revisiting the role of acetylcholinesterase in Alzheimer's disease: cross-talk with P-tau and β -amyloid.
- 11:30 Coffee break.

Session 2: Chairperson: Luis Miguel Gutierrez.

- 12:00 **Hugo Cabedo.**
Axon-glia signalling in myelination and tumour development.
- 12:30 **Angel Barco.**
Transcriptional control of neural plasticity.
- 13:00 Lunch break.

Session 3: Chairperson: Santiago Canals.

- 15:00 **Félix Viana.**
Deciphering the cellular logic of pain and thermosensation.
- 15:30 **Ana Gómis.**
Mechanotransduction in mammalian sensory neurons.

Session 4: Chairperson : Miguel Maravall.

- 10:00 **Luis Matínez-Otero.**
Receptive fields, circuits and maps: The "magic" fate of visual perception.
- 10:30 **Francisco Tejedor.**
Transient expression of the Down syndrome candidate gene Mnb/Dyrk1A couples cell cycle exit and neuronal differentiation.
- 11:00 **Eloísa Herrera.**
Axon guidance and refinement of neural circuits in mammals
- 11:30 Coffee break.

Session 5: Chairperson : Ana Carmena.

- 12:00 **Guillermina López-Bendito.**
How activity-dependent mechanisms and molecular cues orchestrate wiring and plasticity of brain connections.
- 12:30 **Víctor Borrell.**
Evo-devo of the mammalian cerebral cortex: from progenitor cells to dendrites.
- 13:00 Lunch break.

Session 6: Chairperson : Fernando Moya.

- 15:00 **Oscar Marín.**
Cellular and molecular mechanisms controlling the development of the cerebral cortex
- 15:30 **María Dominguez.**
Micromanaging Notch in cancer: it takes more than two to tango
- 16:00 **Angela Nieto.**
Reciprocal repression between Sox3 and Snail defines neural versus mesendodermal territories in the vertebrate embryo