

# 10<sup>th</sup> IN Progress Report Workshop

19 & 20 June 2014

## 19 June 2014

9:45 Introduction: Juan Lerma

### Session I. Chairperson: Eloisa Herrera

10:00 Javier Morante

Early neurogenesis: niche-neuroepithelial interactions to control brain size

10:30 Ricardo Scott

Fast and reversible axon initial segment disassembly triggered by Na<sup>+</sup>/Ca<sup>2+</sup>-exchanger after brief ischemia

11:00 Luis Miguel Valor

Genome-wide approaches in Huntington's disease and associated ameliorative strategies

11:30 Coffee Break

### Session II. Chairperson: Miguel Valdeolmillos

12:00 María Domínguez

Supply, demand, and adult tissue homeostasis

12:30 Paco Tejedor

MNB/DYRK1A: integrating signalling in the control of Proliferation/Differentiation balance. Implications for Down Syndrome

13:00 Ángela Nieto

Levels matter: Snail regulation in bone development and organ degeneration

13:30 Lunch

### Session III. Chairperson: Angel Barco

15:00 Salvador Sala

Allosteric modulators of neuronal nicotinic receptors

15:30 Miguel Maravall

(Dis)organizing principles for neuronal responses in the barrel cortex

16:00 M Carmen Acosta

Corneal sensory nerve activity during inflammation: keratoconjunctivitis and photokeratitis

16:30 Emilio Geijo

Electrophysiology of the cerebral cortex: activation of cortical neurons by callosal axons



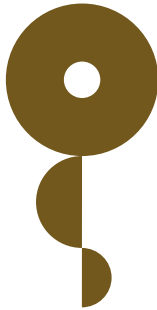
**20 June 2014**

**Session IV. Chairperson: Juan Lerma**

- 10:00 **Santiago Canals**  
Activity propagation in brain networks
- 10:30 **Eduardo Puelles**  
Developmental guidance of the retroflex tract
- 11:00 **Introduction: Beatriz Rico**  
**Seminar by Laurent Groc**  
Role of NMDA receptor in glutamate synapse adaptation: old actor, new vista!
- 12:00 **Coffee Break**

**12:30 Farewell Ceremony. Introduction: Juan Lerma**

- 12:45 **Special lecture by Beatriz Rico**  
Assembly of Neural Circuits
- 13:15 **Special lecture by Oscar Marin**  
Cortical development by the beach
- 14:00 **Wine Toast**



# EXCELENCIA SEVERO OCHOA



Organizers: Dr. Juan Lerma & Dr. Javier Morante

