

# Journée du Club DRN

**21 Mai 2013**  
**Université Claude Bernard Lyon 1**  
**Campus de la Doua**  
*Tram T1 Arrêt gaston berger*

## **9h30- Accueil**

### **Session 1 Specification and patterning**

**10h00- Vincent Bertrand, IBDML, Marseille**

*Polarization and binary cell fate decisions in the nervous system of C. elegans*

**10h30- Gabrielle Pouchelon, Université de Genève**

*Regulation of somatosensory cortex identity by thalamocortical input during development*

**11h00- Christian Alfano, Institut de Biologie Valrose, Nice**

*Post-mitotic control of cerebral cortex lamination and arealization*

## **11h30- Pause café**

### **Session 2 Neuronal migration and survival**

**12h00- Emilie Pacary, Neurocentre Magendie, Bordeaux**

*Role of Rnd proteins in neuronal development*

**12h30- Servane Tauzig, Centre Léon Bérard, Lyon**

*The dependence receptor TrkC triggers apoptosis of Dorsal Root Ganglia precursors, upon Cobra-1 recruitment and intrinsic apoptosis*

## **13h00- Déjeuner**

### **Session 3 Axon navigation and repair**

**14h00- Daniel Ten Martin, UPMC, Paris**

*Microtubule dynamics and post-translational modifications in zebrafish spinal motor axon guidance*

**14h30- Stéphane Belin, Boston Children's Hospital**

*Dclk2, a cytoskeleton associated protein, enhances RGC survival and regeneration*

## **Session 4 Synaptogenesis and neural circuits**

**15h00- Frédéric Marmigère, INM, Montpellier**

*The transcription factor Meis1 regulates cardiac sympathetic innervation and synaptogenesis*

**15h30- Séverine Sigoillot, CIRB Collège de France, Paris**

*The adhesion-GPCR BAI3 as a coordinator of dendritogenesis and synaptogenesis*

**16h00-Pause café**

**16h30- Lydia Danglot, Institut Jacques Monod, Paris**

*Role of vesicular SNAREs in hippocampal pre and post-synaptic assembly*

**17h00- Bérangère Pinan-Lucarré, IBENS, Paris**

*Ce-Punctin specifies the identity of excitatory and inhibitory post-synapses in *C. elegans**