



Club des Cellules Gliales

**TARGETING OF STEM CELLS IN THE NERVOUS SYSTEM:  
THERAPEUTICAL PROSPECTS**

**October 13 to 15 – 2005**

**Agelonde – La Londe les Maures, France**

**CLUB DES CELLULES GLIALES**

INSERM U-711

Hôpital de la Salpêtrière

47 Bd de l'Hôpital, 75651 PARIS Cedex 13

Avec le soutien de



## PROGRAMME

### Targeting of stem cells in the nervous system: therapeutical prospects

#### Thursday October 13

- 18h00: Introduction and Welcome  
19h00-19h45: **Opening lecture:**  
**Scott Fraser** (California Institute of Technology, USA)  
Imaging Neural Development and Disorders
- 20h00: Dinner

#### Friday October 14

##### Session 1: Developing CNS

- 9h00 - 9h30 : **José Luis Marin Teva** (Faculty of Sciences, University of Granada, Spain):  
Microglial migration in the developing nervous system
- 9h30 - 10h00: **Alain Ghysen** (INSERM E343, University of Montpellier, France):  
The “ménage à trois” of the lateral line
- 10h00 - 10h30: **Christine Métin** (INSERM UMR 616, CHU Pitié-Salpêtrière, France):  
Neuritogenesis and nucleokinesis in tangentially migrating cortical interneurons: a videomicroscopy study
- 10h30 – 11h00: Coffee Break
- 11h00 – 11h30: **Jean Léon Thomas** (INSERM UMR 711, CHU Pitié-Salpêtrière, France):  
Molecular mechanism of migration of oligodendrocytes: implication of contact molecules ephrinB/EphB and growth factor VEGF-C
- 11h30 – 12h00: **Claire Meissirel** (INSERM U433, Faculté de Médecine de Laennec, France):  
VEGF, a novel guidance signal for cerebellar granule cells
- 12h00 – 16h00: Lunch and Poster session
- 16h00 – 17h00: **General Assembly** of the “ Club des Cellules Gliales”

## Session 2: Adult CNS

17h00 – 17h30: **Pierre-Marie Lledo** (CNRS URA 218, Institut Pasteur, France):  
The functional meaning of adult neurogenesis

17h30-18h00 : **Alain Chedotal** (CNRS UMR7102, UPMC, France):  
Role of Slit and semaphorins in neuronal migration

## Session 3: Adult lesioned CNS

18h00 – 18h30: **Pierre-Olivier Couraud** (INSERM U567-CNRS UMR8104, Institut Cochin France):  
Molecular mechanisms of the migration of neural precursor cells across brain endothelial cells

18h30 – 19h00: **Nathalie Picard-Riera** (INSERM UMR546, UMR 7102, CHU Pitié-Salpêtrière, France)  
Cell recruitment in the demyelinated primate CNS

20h00: Dinner

## Saturday October 15

### Session3: Adult lesioned CNS

9h00 – 9h30: **Evan Snyder** (Burnham Institute, La Jolla, CA, USA):  
Mobilization of neural precursors in the ischemic brain

9h30 – 10h00: **Pascale Durbec** (CNRS UMR6156 NMDA, IBDM, France):  
How to enhance migration of SVZ cells in the lesioned CNS

10h00 - 10h30: Coffee Break

10h30 – 11h00 : **Robin Franklin** (Brain Repair and Neuroregeneration Laboratory, University of Cambridge, UK):  
Detection of transplanted Schwann cells and olfactory ensheathing cells by magnetic resonance imaging

11h00 – 11h30 : **Hervé Chneiweiss** (Inserm U114, Collège de France, France)  
Targeting neural precursors to CNS tumors

12h00 : Farewell Lunch

Departure