



Club des Cellules Gliales



« Imaging cellular dynamics during brain development and repair »

May 30th 2008, Salpêtrière Hospital (Paris)

**Auditorium Adicare, Institut Cardiologie
56 bd Vincent Auriol, Paris 75013**

PROGRAM

9h Introduction and Welcome (Annik BARON VAN EVERCOOREN)

Session 1 : Chairmen : Brahim NAIT OUMESMAR and Jean-Léon THOMAS

9h05 Pierre MAGISTRETTI (*Université de Lausanne, Switzerland*)
Neuron glia metabolic coupling

9h35 Martin KERSCHENSTEINER (*Institute of Neuroimmunology, Munich, Germany*)
In vivo analysis of immune-mediated axon damage

10h05 Franck DEBARDIEUX (*Institut Bio. Du Développement de Marseille-Luminy*)
In vivo two-photon microscopy of injured spinal cord : Relationship between angiogenesis and sprouting axons.

10h15 Isabelle CAILLE (*Inserm-Equipe AVENIR, UPMC, Paris*)
Regulation of survival in adult hippocampal stem cell lineages and glioblastomas by the homeodomain-only protein HOP

10h25 Coffee break

Session 2 : Chairmen : Hervé CHNEIWEISS and Nathalie SPASSKY

- 11h00 Sandrine ETIENNE-MANNEVILLE (*URA2582 CNRS, Institut Pasteur, Paris*)
Molecular mechanisms of astrocyte migration
- 11h30 Charles CALVO (*INSERM U-711, Hôpital Salpêtrière, Paris*)
Contribution of VEGF-C/VEGF-R to postnatal and adult neurogenesis
- 11h40 Sophie HALLIEZ (*INSERM U-784, Ecole Normale Supérieure, Paris*)
Schwann cell ablation in the peripheral nervous system
- 11h50 Gabrièle PIATON (*INSERM U-711, Hôpital Salpêtrière, Paris*)
Semaphorins and myelin repair
- 12h05 Lunch and poster session

Session 3 : Chairwomen : Pascale DURBEC and Laurence DECKER

- 13h30 Jean LIVET (*INSERM U592, Paris*)
Visualizing glial cell interactions in Brainbow transgenic mice
- 14h00 Eric AGIUS (*Centre Biologie du Développement, Univ. P. Sabatier, Toulouse*)
Astrocyte development in the chick spinal cord
- 14h10 Camille BOUTIN (*Institut Bio. Du Développement de Marseille-Luminy*)
The bHLH transcription factor NeuroD1 as a determinant of dopaminergic differentiation in the mouse forebrain.
- 14h20 Hiroko NAKATANI (*INSERM U-711, Hôpital Salpêtrière, Paris*)
Characterization of Mash1 proneural factor in postnatal oligodendrogenesis

Session 4 : Chairmen : Thierry AMEDEE and Jean-Pierre MOTHET

- 14h30 Antoine TRILLER (*INSERM U789, Ecole Normale Supérieure, Paris*)
Seeing molecules changes our view on cell biology
- 15h00 Argelia ROJAS-MAYORQUIN (*INSERM U-679, Hôpital Salpêtrière, Paris*)
Induced MNP differentiation by ensheathing cell conditioned media seems to involve BMP and Wnt signaling pathways.

- 15h10 Foudil LAMARI (*Service Biochimie Métabolique, Hôpital Salpêtrière, Paris*)
Energy metabolism and oxidative stress of glial tumours :biochemical exploration of central and peripheral tumour tissues.
- 15h20 Ismael HOMSI (*UMR-546 INSERM, UPMC, Paris*)
The ubiquitin-proteasome system, chaperones and autophagy in dynamics of mutated GFAP aggregates using an in vitro model of Alexander disease
- 15h30 Coffee break

Session 5 : Chairwomen : Annik BARON VAN EVERCOOREN and Monique TOURET

- 16h00 Bruno STANKOFF (*INSERM U711, Hôpital Pitié-Salpêtrière, Paris*)
Molecular imaging of demyelination and remyelination in the CNS: the promise of positron emission tomography.
- 16h30 Céline CAILLAVA (*UMR-546 INSERM, UPMC, Paris*)
Exploring the requirement of cdk2 for normal white matter development and myelin repair.
- 16h40 Anne-Karine BOUZIER-SORE (*RMSB Center, UMR 5536, Bordeaux*)
Microglial nanoparticles uptake for brain cellular imaging.
- 16h50 Concluding remarks and General Assembly of the « Club des Cellules Gliales »

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