

## French Club of Glial Cells, Annual Meeting

October 9<sup>th</sup>, 2018

*Institut du Cerveau et de la Moelle Epinière – ICM, Paris*

- 08:30** Registration, set up Posters and Coffee
- 09:20** Welcome Introduction  
Brahim Nait Oumesmar, President of the CCG
- 09:30** **Symposium: Neuroglial Interactions in Development and Repair**  
*Chairs: Emmanuelle Huillard & Maria-Cecilia Angulo*
- 09:30-09:50** **Lucile Ben Haim, UCSF, San Francisco, USA**  
*Kir4.1-dependent astrocyte-fast motor neuron interactions are required for peak strength*
- 09:50-10:10** **Jean-Philippe Hugnot, INM, Montpellier, France**  
*Molecular characterization of the human and mouse adult spinal cord stem cell niches reveal a conserved dorsal-ventral regionalisation and Msx1+ Id4+ dormant neural stem cells*
- 10:10-10:30** **Najate Benamer, CNP, Paris, France**  
*Role of GABAergic synapses of oligodendrocyte progenitors in cortical circuit formation*
- 10:30-10:50** **Sarah Moyon, Neuroscience Initiative ASRC, New York, USA**  
*DNA hydroxymethylation in adult oligodendrocyte progenitor cells during remyelination and in aging*
- 10:50-11:10** **Beatriz Garcia-Diaz, ICM, Paris, France**  
*Blood vessels guide Schwann cell migration in the adult demyelinated CNS through Eph/Ephrin signaling*
- 11:10** **Plenary Lecture: Gonçalo Castelo-Branco, Karolinska Institute, Sweden**  
*Transcriptional and epigenetic states of oligodendrocyte lineage cells in the central nervous system*  
*Chair Pascale Durbec*
- 12:10** **Lunch and Poster Session**
- 14h30** **Symposium: Astrocytes in Health and Disease**  
*Chairs: Ariane Sharif & Thierry Amédée*
- 14:30-14:50** **Cuong Pham, Neuroscience Paris Seine, Paris, France**  
*Mapping astrocyte calcium domains by light-sheet imaging and spatio-temporal correlative screening*



Club des  
Cellules  
Gliales

**14:50-15:10 Anne-Cécile Boulay, CIRB, Collège de France, Paris, France**

*Translation in astrocyte distal processes sets molecular heterogeneity at the gliovascular interface*

**15:10-15:30 Giuliana Pellegrino, Jean-Pierre Aubert Research Centre, Lille, France**

*Postnatal astrogenesis is critical to tune puberty and the onset of estrous cyclicity in females*

**15:30-15:50 Carole Escartin, CEA-MIRCEN, Fontenay-aux-Roses, France**

*Inhibition of JAK2-STAT3-mediated astrocyte reactivity improves Alzheimer's disease functional deficits*

**15:50-16:10 Virginie Daumas-Meyer, NBO UR1197, INRA, Jouy-en Josas, France**

*Fasting induces astroglial plasticity in the olfactory bulb glomeruli of rats a new implication of astrocytes in an adaptive neurophysiological process*

**16:10 Plenary Lecture: Giles Hardingham, University of Edinburgh, UK**

*Signaling to and from astrocytes in health and disease*

*Chair Jean-Pierre Mothet*

**17:10-17h30 Prices for the best poster & oral presentations**

**General assembly of the CCG**



Club des  
Cellules  
Gliales

## GENERAL INFORMATION

### REGISTRATION FEES\*

- Docs/Post-Docs : 20 €
- Researchers : 40 €

*Registration includes the membership to the CCG, lunch, coffee breaks and abstract book.*

Registration should be sent to Ariane Sharif: [ariane.sharif@inserm.fr](mailto:ariane.sharif@inserm.fr)

Payments should be made with institutional order forms or check to the "Club des Cellules Gliales".

*\* Note that meeting attendance is limited to 180 attendees. Early registration is recommended.*

### ABSTRACT SUBMISSION

We welcome submissions of poster presentations from researchers and students. Abstracts should include title, list of authors, affiliations and a summary that should not exceed 500 words in length. Abstracts should be sent to Thierry Amédée: [thierry.amedee@u-bordeaux.fr](mailto:thierry.amedee@u-bordeaux.fr)

### POSTER

Posters will be displayed throughout the duration of the meeting. **Poster boards are: 1m width x 2m high.**

### AWARDS

Two awards of 300 € each will be given to the best poster and oral presentations by a Doc or Post-Doc.

### VENUE

Institut du Cerveau et de la Moelle Epinière - ICM  
Auditorium  
47-83 bd de l'Hôpital  
75013 Paris