



28th Meeting of the French Glial Cell Club

November 17-20, 2026
Domaine du Lazaret, Sète, France

Tuesday, November 17th

13.00-15.30 Registration and luggage storage

15.30-15.45 Welcome introduction

Technical Workshop

16.00-17.00 Short talks from sponsors

Christophe Latrille, Quantacell

From Images to Quantitative Insights: AI-Powered Analysis of Glial Responses to Glioblastoma

ACD/BioTechne

17.00-17.30 Student/Post-doc talk (selected from abstracts)

17.30-18.30 **Plenary lecture I**

Chairs: Carole Escartin & Anne Desmazières

Fiona Doetsch, University of Basel (Basel, Switzerland)

Regulation and Heterogeneity of Adult Neural Stem Cells

18.30 Break-Participant installation

19.00 Welcome Drinks

19.30 *Dinner*

20.30-21.15 **Communicating Science on Social Networks: Why, How, and for Whom?**

Armelle Rancillac, CIRB Paris – Co-organiser of the French Brain Awareness Week

21.15 Networking evening

Wednesday, November 18th

Symposium I: Human glia: from development to disease

Chairs: Elena Dossi & Daria Mozheiko

9.00-9.25 **Elena Dossi**, Center for Interdisciplinary Research in Biology (Paris, France)

Human astrocytes: reshaping epileptic networks?

9.25-9.50 **Steven Sloan**, Netherlands Institute for Neuroscience (Amsterdam, Netherlands)

Organoid-based approaches to investigate human glial development and function

9.50-10.15 **Renzo Mancuso**, VIB Center for Molecular Neurology (Antwerp, Belgium)

Lysosomal failure triggers microglial degeneration and exacerbates neuropathology

10.15-10.30 **Student/Post-doc talk** (selected from abstracts)

10.30-11.00 *Coffee Break*

Symposium II: Computational Glioscience: recent advances in astrocyte modeling

Chairs: Audrey Denizot & Kerstin Lenk

11.00-11.25 **Marie Rognes**, University of Oslo (Oslo, Norway)

Exciting times: high-fidelity modelling of astrocyte multiphysics

11.25-11.50 **Kerstin Lenk**, Graz University of Technology (Graz, Austria)

Toward sex specific computational astrocyte models

11.50-12.15 **Leonid Savtchenko**, University College London (London, UK)

Modelling astrocyte–neuron communication at nano-scale resolution with BrainCell

12.15-12.30 **Student/Post-doc talk** (selected from abstracts)

12.30 *Lunch*

14.00-15.30 **Poster session I**

15.30-18.00 **Networking afternoon – Pétanque tournament**

19.30 *Dinner*

20.30 *Free evening*

Thursday, November 19th

Symposium III: Bridge Builders: Astrocytes at the Interface of Brain and Blood

Chairs: Anne-Cécile Boulay & Anusha Mishra

9.00-9.25 **Anne-Cécile Boulay**, Center for Interdisciplinary Research in Biology (Paris, France)

Perivascular phagocytosis by astrocytes during postnatal development in a murine model of pericyte deficiency

9.25-9.50 **Anusha Mishra**, Oregon Health & Science University (Portland, USA)

Aberrant signaling from reactive astrocytes impairs neurovascular function after stroke

9.50-10.15 **Blanca Diaz Castro**, The University of Edinburgh (Edinburgh, UK)

Molecular alterations of the vasculature-astrocyte interactions in dementia

10.15-10.30 **Student/Post-doc talk** (selected from abstracts)

10.30-11.00 *Coffee Break*

Symposium IV: Natural secreted nano-shuttles along the glia-neuro axis: extracellular vesicles for intercellular signaling

Chairs: Nunzio Iraci & Eva-Maria Kramer-Albers

11.00-11.25 **Eva-Maria Kramer-Albers**, Johannes Gutenberg-Universität (Mainz, Germany)

Extracellular vesicles in neuron-glia communication and axonal maintenance

11.25-11.50 **Jean-Christophe Delpech**, NutriNeuro Lab (Bordeaux, France)

Extracellular vesicles and Omega3 lipids: their secret(ed) roles in memory

11.50-12.15 **Nunzio Iraci**, University of Catania (Catania, Italy)

The secret(ed) spread of astrocyte-derived extracellular vesicles: communication for neuroprotection

- 12.15-12.30 **Student/Post-doc talk** (selected from abstracts)
- 12.30 *Lunch*
- 14.00-15.30 **Poster session II**
- 15.30-16.30 **Round table: Mentoring session for Docs & PostDocs**
- 16.30-17.30 *Free time and On-site activities*
- 17.30 **Plenary lecture II**
Chairs: Brahim Nait Oumesmar & Morgane Thion
Leda Dimou, Ulm University (Ulm, Germany)
NG2-glia at the crossroads: from health to disease
- 19.00 **Aperitif and “Thursday Night Fever”**

Friday, November 20th

Symposium V: Probing the diversity of glial functions using non-mammalian systems

Chairs: Jean-Marie Mangin & David Ohayon

- 9.30-9.55 **Georgia Rapti**, EMBL (Heidelberg, Germany)
Astroglial mechanisms sculpting brain circuit architecture throughout life; lessons C. elegans
- 9.55-10.20 **Pierre-Yves Plaçais**, ESPCI (Paris, France)
Metabolic adaptation in Drosophila cortex glia allows versatile energy support to neurons
- 10.20-10.45 **Yasmine Cantaut-Belarif**, IBPS (Paris, France)
Integration of sensory cues in the neuroglial niche in contact with the cerebrospinal fluid during axial morphogenesis
- 10.45-11.00 **Student/Post-doc talk** (selected from abstracts)
- 11.00-11.30 *Coffee break*
- 11.30- 12.15 **Discussion, General Assembly and Award ceremony**
- 12.30 *Farewell Lunch*
- 14.00 *End of the meeting*



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