



3rd Meeting of the Microglia & Neuroinflammation GDR

Oct 7-8th 2024

Domaine du Lazaret, Sète, France



Monday, October 7th

14h-15h45 First Session; Keynote (45 min) + 3 short talks (20 min each)

Claudia Pasqualini (Univ. Paris-Saclay, Inserm, Gustave Roussy, France)

"Microglia-sufficient neural organoids to study neurodevelopment and pediatric cancer."

Short talks:

* Coralie Clua Provost (Institut des Neurosciences de Montpellier, Institut de Génomique Fonctionnelle, Montpellier): Human iPSC-derived microglia cells to study the role of microglia in Alzheimer's disease

* Clarissa Catale (Institut de Biologie de l'École Normale Supérieure, Paris): Investigating cellular and molecular pathways underlying microglial neuroprotective functions in neurodevelopment

* Pauline Monguillon (Nutrineuro, Bordeaux): Microglia renewal in perinatal inflammatory models of neurodevelopmental disorders

15h45-16h15 Coffee break

16h15-18h00 Second Session; Keynote (45 min) + 3 short talks (20 min each)

Guillaume Dorothée (Inserm, Hôpital St Antoine, Paris, France)

"T cell immunity in Alzheimer's disease and Tauopathies."

Short talks:

* Juliette Salvi (Centre des Sciences du Goût et de l'Alimentation, Dijon): Postprandial hypertriglyceridemia promotes satiety via microglia inflammasome activation

* Sreekala Nampoothiri (Laboratory of Development and Plasticity of the Neuroendocrine Brain, Lille): Unveiling tanycytes as immunocompetent brain cells: The conduit for sex-biased physiology

* Elisa Popa (Institut du Cerveau - ICM, Paris): Trained immunity in Multiple Sclerosis patients

18h-19h30 Posters Session

19h30 Wine testing and Dinner

Tuesday, October 8th

9h-10h45 Third Session; Keynote (45 min) + 3 short talks (20 min each)

Rosa Paolicelli (Univ. of Lausanne, Switzerland)

"Early microglial dysfunction in the pathogenesis of neurodegeneration"

Short talks:

* Léo Dupuis (Laboratoire des Maladies Neurodégénératives, Fontenay-aux-Roses):
Impact of Alzheimer-associated amyloid-beta and tau lesion transmission on the transcriptome expression in a primate

* Lolie Garcia (Laboratoire des Maladies Neurodégénératives, Fontenay-aux-Roses):
Astrocytes and microglia in the brain of mouse lemur primate: histology-based characterization in young and old animals

* Matthieu Prieur (Institut de Génomique Fonctionnelle, Montpellier): Investigating the role of Clec7a in microglia function: Implications as an Early molecular target in Alzheimer's Disease (AD)

10h45-11h15 Coffee break

11h15-12h30 Business Meeting

L'avenir du GDR « Microglie et Neuroinflammation » : Vers un réseau thématique sur les relations cerveau-système immunitaire (modératrice : Hélène Hirbec)

- **Positioning of the GDR**
- **Actions of the GDR for the next 5 years**
 - *Themes of the upcoming workshop*
- **Miscellaneous questions**

12h30-14h Lunch

Merci aux sponsors.

