

**2021 Annual Meeting, Nov 30-Dec 1**

**Rockefeller Medical School, Paul Zech conference room, 8 Avenue Rockefeller, Lyon**

November 30 afternoon

2:00-3:00: Welcome and review of the past GDR actions

3:00-4:20: Short talks (Students, Postdocs and Engineers)

- **Damien Gilibert** (Montpellier) "Microglial P2X4 in neuropathic pain and associated comorbidities: A gender independent story?"
- **Mélisse Robert** (Lyon) "Regulation of microglia morphodynamics by neuronal activity in the somatosensory cortex"
- **Maria Moreno** (Montpellier) "Protective role of microglia and T lymphocytes in a mouse model of temporal lobe epilepsy"
- **Cindy Bokobza** (Paris) "Microglial spatio-temporal heterogeneity in a perinatal inflammation mouse model – Link to Autism-like phenotypes"

4:20-4:50: Coffee break

4:50-6:00: Discussion on future actions of the GDR

6:00-7:00: **Plenary lecture 1, Aymeric Silvin** (Paris) "Dual ontogeny of disease-associated microglia and disease inflammatory macrophages in ageing and neurodegeneration"

8:30: **Dinner** (Restaurant Marguerite, 57 Avenue des frères Lumière)

December 1 morning

9:00-10:00: **Plenary lecture 2, Anne Desmazieres** (Paris) "Microglial interaction at the Node of Ranvier in health and disease"

10:00-11:20: Short talks (Students, Postdocs and Engineers)

- **Guillaume Becker** (Lyon) "Global neuro-inflammation in a non-human primate model of endovascular thrombectomy: a PET/MR study"
- **Vincent Seube** (Montpellier) "Role of interleukin-1 beta in neurons in non-inflammatory condition"
- **Clara Sanchez** (Nice) "Effect of lipid nature on microglial reactivity, neuroinflammation and cognitive disorders associated with obesity"
- **Kassandre Combet** (Lyon) "Characterization of microglial morphodynamics during sleep-wake cycle"

11:20-11:50: Coffee break

11:50-12:45: **Plenary lecture 3, Réjane Rua** (Marseille) "Brain borders take center stage: roles of meningeal macrophages in neuroinflammation and neurocognition"

12:45-13:00: Concluding remarks

