

Research topics:

-Neuronal, glial and synaptic functionality in physio-pathological conditions: focus on neuroinflammation, mechanisms of glia-neuron interactions and neuromodulation

- Brain-body and brain-environment interactions: focus on neurobiology of psychoactive substances/ endocannabinoid system, stress, gut brain interactions

-Phenotyping and validation of early disease biomarkers and novel pharmacological targets: focus on neurodegenerative, psychiatric, neurodevelopmental disorders

-Neural correlates of social interaction and observational learning in macaque frontal cortex



Main Laboratories and facilities:

-Behavioural Neurophysiology and neuropsychopharmacology

-In vivo, ex vivo and in vitro electrophysiology

-Molecular Pharmacology in vitro

-Microscopy (two photon, confocal, epifluorescence)

-Animal houses (primates, small rodents, amphibians)

