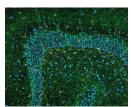




Research topics:

- -Neuronal, glial and synaptic functionality in physiopathological conditions: focus on neuroinflammation, mecahnisms 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, anphibians)

