



Research Topics: Neurobiology

Cellular and molecular mechanisms of neurological diseases
Studies on mouse models of autism; neuromuscular diseases; amyotrophic lateral sclerosis; demyelinating diseases; aging; neuropsychiatric and neurodevelopmental diseases

Circuits and behaviour

Studies on brain circuits involved in memory formation; social behavior; susceptibility to traumatic stress.



Main models and facilities:

Facilities

Microscopy
Animal facility
Behavioral phenotyping
Viral injections

Model systems

Rodents (rats, mice)
Drosophila
Zebra fish
Cells...