

Open position at the *Marc Jeannerod Institute in Cognitive Science, CNRS, Lyon*

The Marc Jeannerod Institute in Cognitive Science (ISC-MJ) is an internationally renowned CNRS laboratory, located in the Lyon area. Within the Institute the team “*Disorders of the Brain*” seeks to recruit a postdoctoral research scientist to work on “*Functions and Structure of the Oxytocinergic System*”. The overall goal of the project is to understand how the brain oxytocinergic neurons provide the functional basis for the emergence of social behaviors, and how dysfunction of their neural network could be implicated in autism spectrum disorders. To this end, the team develops a multiscale and a multi-species approach ranging from the analysis of oxytocin neural network to the behavioral consequences of chemogenetic manipulations. In this research program the candidate will be in charge of anatomical and histological studies to map the brain oxytocinergic system. She/he will perform immunofluorescence studies, from tissue processing to imaging and morphological analysis

. Knowledge in the following areas is required:

- neuroanatomy and histology
- implementation and monitoring of experimental studies in mice including data collection and statistical processing
- cell biology: tissue sectioning (microtome, cryostat), immunohistochemistry/immunofluorescence.
- microscopy.
- intracerebral surgery (viral injection) would be an asset but is not mandatory
- Good knowledge of health and safety regulations rules
- Ability to write scientific reports

The ISC-MJ, is a CNRS and University of Lyon lab where over 100 people from all over the world, work on neurobiology, neuropsychology and cognition. The candidate will work in close collaboration with the other members of the team. The position is for 2 years. Salary is scaled according to experience.

Applications should be submitted through the online portal at:

<https://emploi.cnrs.fr/Offres/CDD/UMR5229-ANNBUS-003/Default.aspx>

Inquires can be directed to: sirigu@isc.cnrs.fr