

Postdoctoral fellowship in neurobiology and animal behavior –alcohol addiction

The team « Pathophysiology of Motivation » at the Grenoble Institute of Neuroscience – Inserm U1216 in the French Alps, is seeking for a highly motivated young researcher for a 2-years postdoctoral contract OR a highly motivated PhD student for 3 years, to work on a preclinical project on alcohol addiction. The objective will be to investigate the potential implication of the direct and indirect pathway in the nucleus accumbens, as well as the respective role of D1R and D2R dopaminergic signaling, in the development of compulsive alcohol taking, by combining mainly: behavioral evaluation of alcohol-related behaviors in rats, in vivo chemogenetic and immunofluorescence.

Expected background and skills: animal behavior (expertise in instrumental behaviors and models of alcohol use disorders will be a plus); stereotaxic surgery and classical integrative neuroscience-related methods such as neuroanatomy, histology... (experience with opto- or chemo-genetic will be a plus); classical molecular and cellular biology technics (RT-/PCR, western blot, immunohistochemistry).

Contact:

Sebastien Carnicella, PhD
Grenoble Institut des Neurosciences - Inserm U1216
Group leader "Pathophysiology of Motivation"
Bâtiment J Edmond Safra
Chemin Fortuné Ferrini
38706 La Tronche Cedex
Phone: +33-(0)4-56-52-06-67/(0)6-23-88-26-65