

Postdoctoral position in Neurophysiology

We are currently searching a highly motivated Postdoctoral researcher with experience in electrophysiology for a project focusing on the study of the role of hypothalamic-mesolimbic neurocircuitry in the development of diet-induced obesity. This project will be jointly carried out in the laboratories of Dr. Daniela Cota (INSERM U1215, Neurocentre Magendie, Bordeaux, France <http://www.neurocentre-magendie.fr/cota>) and Dr. Xavier Fioramonti (NutriNeuro, INRA UMR 1286, Bordeaux, France, <https://www6.bordeaux-aquitaine.inra.fr/nutrineuro>), which both investigate the neurobiological mechanisms of obesity and diabetes. Patch-clamp electrophysiology associated with the use of optogenetics, molecular biology and neuroanatomical analysis are the main approaches that will be used in the project.

Candidates should have a doctoral degree in neuroscience/neurobiology, and recognized expertise in patch-clamp electrophysiology. Previous experience in the study of neuronal circuits involved in the regulation of energy balance using rodent models and in the use of optogenetics coupled with electrophysiology is strongly preferred. Ability to work both independently and cooperatively within a team will be essential.

The project is funded by the Labex Brain (<http://brain.labex.u-bordeaux.fr/>). The postdoctoral contract will be for a period of 18 months.

Starting date: January 2018

Contact: Candidates should send their CV, motivation letter, list of publications and 2 letters of reference to Dr. Daniela Cota (daniela.cota@inserm.fr) or Dr. Xavier Fioramonti (xavier.fioramonti@inra.fr).