

Open PhD position at the CRBS in Brigitte Kieffer Lab (Université de Strasbourg-INSERM)

We are seeking a PhD Student with a background in neuroscience. Our group is a multidisciplinary team and studies the role of G protein coupled receptors, including opioid and orphan receptors, in brain function and disease with an emphasis on reward/aversion processing, addiction and mood disorders. The laboratory develops customized genetic mouse mutants with targeted gene mutations to model psychiatric disorders, and for drug discovery programs. Mice are characterized using sophisticated behavioral methods, opto/chemo-genetics and neuroimaging approaches translatable to human research. The PhD student will work on negative affect associated with opioid withdrawal. The goal is to identify the contribution of neurons expressing opioid receptors in the modulation of aversive states using genetically modified animals combined with opto/chemo-genetics. This project is financed by the National Institute of Health, USA.

The successful candidate **must have:**

Master in Neuroscience /Pharmacology or equivalent and/or MD/PhD or PharmD/PhD cursus

Strong interest in mouse behavior and brain circuit analysis

High motivation to conceptualize and develop a research project

Excellent writing and communication skills

Ability to work in a team

Preferred Qualifications:

Experience or interest in pre-clinical neuroscience research in the field of mental health

Start date: January 2021

Applicants are invited to submit their cover letter, CV and reference letters via email to:

emmanuel.darcq@inserm.fr

Please indicate "PhD Student applicant for Kieffer team" in the subject line.

