

Titre: PhD student in Neurophysiology

Introduction

UNIL is a leading international teaching and research institution, with over 5,000 employees and 15,500 students split between its Dorigny campus, CHUV and Epalinges. As an employer, UNIL encourages excellence, individual recognition and responsibility.

Presentation

The Center for Integrative Genomics of the University of Lausanne invites applications for a PhD Student position in the research group of Dr Sophie Croizier. The Croizier lab works on the role of guidance molecules in the formation of hypothalamic circuits controlling energy and glucose homeostasis. For more details, please consult the current website of the group: <https://unil.ch/cig/home/research/sophie-croizier>

Job information

Expected start date: 01.09.2021 or to be discussed

Contract length: 1 year, renewable, maximum 4 years.

Activity rate: 85%

Workplace: University of Lausanne, Center for Integrative Genomics (CIG), <https://www.unil.ch/cig/home.html>

Your responsibilities

The successful candidate will work on the lab project to determine the role of EphrinB3 in the excitability of POMC neurons and its role in type 2 diabetes etiology. This work will rely on multidisciplinary approaches including microscopy/image analysis, stereotaxic surgeries, electrophysiology, and mouse physiology.

Your qualifications

In order to complete our team, we are looking for someone with the following skills:

- Experience in histological approaches
- Experience in mouse physiology (glucose homeostasis)
- Authorization for animal experimentation is advised.
- Dynamic, and enthusiastic student with a master thesis in life science, interested in working in a highly interactive environment.
- Excellent command of oral and written English

What the position offers you

We offer a nice working place in a multicultural, diversified and dynamic academic environment, opportunities for professional training. Possibilities of continuous training, a lot of activities and other benefits to discover.

Contact for further information

Sophie Croizier, PhD

e-mail: sophie.croizier@unil.ch

Your application

Deadline: 12.06.2021

Please send your full application in pdf. The complete application should contain:

- Motivation letter
- Curriculum vitae including lists of publications, conferences, awards and a description of experimental skills.

Additional information

UNIL is committed to equal opportunities and diversity, www.unil.ch/egalite

UNIL supports early career researchers, www.unil.ch/graduatecampus