

CELLULAR AND SYNAPTIC NEUROPHYSIOLOGY

Postdoctoral Fellow

CHU Sainte-Justine Research Center

Researcher in charge: Jacques L. Michaud, M.D., Ph.D.
Professeur agrégé, Département de pédiatrie,
Université de Montréal

Start date: As soon as possible



Centre de recherche
CHU Sainte-Justine

Le centre hospitalier
universitaire mère-enfant

Université 
de Montréal

Détails

A postdoctoral position is available immediately to study the cellular and molecular bases of neuro-developmental disorders associated with intellectual disability, epilepsy and autism. The research project will be conducted by the postdoctoral student and will involve the characterization of mouse models using electrophysiological approaches (patch-clamp and extracellular recordings) in vitro (acute and cultured brain slices). The postdoctoral student will be under the direction of the Dr Jacques Michaud, clinical researcher at the research Center of CHU Sainte-Justine and will also benefit from the complementary expertise of two co-supervisors (Drs Jean-Claude Lacaille and Graziella Di Cristo), all professors in the Department of Neurosciences at Université de Montréal.

Interested applicants must have a PhD degree with excellent academic credentials, which would position them competitively for stipend awards. Applicants are expected to have the leadership to drive this project to the end and be very motivated to do so. They should have solid experience with electrophysiology techniques. Strong communication skills and organizational ability are required. English and/or French knowledge will be an asset.

Interested applicants should send his/her CV describing academic background and research experience to jacques.michaud@recherche-ste-justine.qc.ca

"Le genre masculin est utilisé sans discrimination et dans le seul but d'alléger le texte. Le CHU Sainte-Justine souscrit au principe d'accès à l'égalité en emploi et invite les femmes, les membres des minorités visibles et des minorités ethniques, les personnes handicapées et les Autochtones à poser leur candidature. Nous vous serions gré de nous faire part de tout handicap qui nécessiterait un aménagement technique et physique adapté à votre situation lors du processus de sélection. Soyez assuré que nous traiterons cette information avec confidentialité."

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