

## **New Principal Investigator position in adult neurological diseases using zebra fish approaches at the CHUM Research Center – Department of Neuroscience, Faculty of Medicine, Université de Montréal**

The Research Centre of CHUM (CRCHUM) in partnership with the Department of Neurosciences of the Université de Montréal (UdeM) is seeking applicants for a principal investigator position at the rank of assistant or associate research professor in the field of neuroscience and the specific use of zebrafish for the study of adult neurological disorders. The ideal candidate will be zebrafish neurobiologist with a strong expertise in transgenic, genetic and genetic regulation.

The new principal investigator will play a key role in complementing the research strengths of the CRCHUM especially in neurosciences. The mission of the CRCHUM-Neuroscience research axis is to elucidate the biological, environmental and social mechanisms of adult neurological diseases and to develop novel and innovative therapies to prevent, treat or cure them. The research activities incorporate clinical, basic and translational research and focus on neurodegeneration/neurorepair, neuroimmunology, neurovascular/stroke and epilepsy. The CRCHUM neuroscience research activities build on complementary and well-integrated teams and a vast array of cutting-edge approaches. Moreover, multiple research groups within the Faculty of Medicine and the larger Montreal research community offer numerous opportunities for collaboration. Montreal hosts one of the biggest neuroscience communities in North America. UdeM offers excellent training in neurosciences with undergraduate and graduate programs in neuroscience. This cosmopolitan city favors lively and culturally rich lifestyle.

### Requirements

The applicant's research program should address fundamental biological questions relevant to the physiopathology and treatment of adult neurological diseases, from the cellular/molecular to network levels, using zebrafish approaches. The candidate will have access to a large fish facility.

Applicants must hold a Ph.D. degree, with postdoctoral experience and a strong publication record in zebrafish neurosciences. Candidates will be expected to develop an innovative, internationally recognized, externally funded research program and contribute to teaching as well as to some administrative and academic activities at CRCHUM and UdeM.

Applications must be submitted electronically to  
[christine.bellefeuille.chum@ssss.gouv.qc.ca](mailto:christine.bellefeuille.chum@ssss.gouv.qc.ca)

Those received by **October 1<sup>st</sup> 2019** will be given priority consideration, but the position will remain open until filled. A complete application will consist of a cover letter, a complete CV, a detailed

research plan (3 pages limit) as well as three letters of support to be submitted separately by the referees, preferably in electronic format to:

**Nathalie Arbour Ph.D.**

**Head Neuroscience Research Theme CRCHUM**

**Full Professor, Department of Neurosciences, Université de Montréal**

**Attention: Director of Human Resources, Mrs Christine Bellefeuille**

### **About the CHUM Research Center**

CHUM and its research center (CRCHUM) is one of the largest hospital-based research centres in North America. The CHUM Research Centre is a place of excellence where knowledge, expertise and innovation coexist, bringing tangible benefits to patients. More than 1800 employees including over 500 researchers and 400 students integrate the entire research continuum, including basic, clinical and population health research. For more information, please visit us at <https://rachum.ca/crchum2018/en/>

### **About Université de Montréal**

The Université de Montréal is one of the leading research universities in Canada. Together, with its two affiliated schools, HEC Montréal and École Polytechnique, it constitutes one of the largest centres of higher education in North America. For more information, please visit the following link: [www.umontreal.ca](http://www.umontreal.ca).

### **About Faculty of Medicine**

An internationally renowned institution, the Faculty of Medicine has the threefold mission of education, research and the improvement of health in the areas of clinical sciences, basic sciences and health sciences. It has 16 departments, two schools and more than 700 professors (excluding clinical professors), serving more than 6000 students. A third of the physicians in Quebec and a large number of health professionals in the province have been trained at the Université de Montréal's Faculty of Medicine.

### **\* Language Policy**

Université de Montréal is a Quebec university with an international reputation. French is the language of instruction. To renew its teaching faculty, the University is intensively recruiting the world's best specialists. In accordance with the institution's language policy, Université de Montréal provides support for newly-recruited faculty to attain proficiency in French.

[[http://secretariatgeneral.umontreal.ca/fileadmin/user\\_upload/secretariat/doc\\_officiels/reglements/administration/adm10-34\\_politique-linguistique.pdf](http://secretariatgeneral.umontreal.ca/fileadmin/user_upload/secretariat/doc_officiels/reglements/administration/adm10-34_politique-linguistique.pdf)].

### **Confidentiality**

The Université de Montréal application process allows all regular professors in the Department to have access to all documents unless the applicant explicitly states in her or his cover letter that access to the application should be limited to the selection committee. This restriction on accessibility will be lifted if the applicant is invited for an interview.

### **Equal Access Employment Program**

Through its Equal Access Employment Program, Université de Montréal invites women, aboriginal people, visible and ethnical minorities, as well as persons with disabilities to apply. During the

recruitment process, our selection tools will be adapted to meet the needs of people with disabilities who request it. Be assured of the confidentiality of this information. The Université de Montréal is committed to the inclusion and the diversity of its staff and also encourages people of all sexual and gender identities to apply.

**Immigration Requirements**

We invite all qualified candidates to apply at UdeM. However, in accordance with immigration requirements in Canada, please note that priority will be given to Canadian citizens and permanent residents.