

**New Principal Investigator position in areas related to cutting-edge stem cell-based approaches to study neurodevelopmental diseases at the Research Center of Centre Hospitalier Universitaire Sainte-Justine and the Faculty of Medicine, Université de Montréal.**

The Research Center of Centre hospitalier universitaire Sainte-Justine (CHUSJ-RC), in partnership with the Department of Neurosciences of Université de Montréal (UdeM), is seeking applicants to fill a principal investigator position at the rank of Assistant Research Professor in the field of neurodevelopment. The applicant's research program should address fundamental biological questions relevant to the physiopathology and management of neurodevelopmental disorders, including intellectual disability, autism and epilepsy. In particular, we seek applications from scientists who have strong expertise in the use of induced pluripotent stem cells (iPSC) and/or brain organoids and the study of these models with electrophysiological, imaging or genomic approaches.

CHUSJ is a reference center for the investigation of neurodevelopmental disorders in children. The new principal investigator will play a pivotal role in complementing the research strengths of the CHUSJ-RC in the area of neurodevelopment. Our « Brain and Child Development » research axis brings together several scientists who study the cellular and network mechanisms that underlie normal behavior and learning as well as the neuronal dysfunctions that are associated with epilepsy, intellectual disability and autism. Our researchers have access to a number of cutting-edge technological platforms (e.g. production of iPSC; gene editing; genomics; microscopy; brain imaging; biobanking; etc.). The successful candidate will thus be able to develop his/her research program in a rich scientific environment that offers many prospects for collaboration. The candidate will also have the opportunity to collaborate with other research groups within the network of the Faculty of Medicine and the vibrant Montreal neurosciences community, which is one of the largest in North America. Montreal was named « the world's best city for international students » in 2017. The city is ripe with « joie de vivre », great gastronomic offerings, an energetic and diverse cultural scene, and inviting outdoor activities.

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

Applications must be submitted electronically to Dr. Janetta Bijl, Scientific Advisor, CHUSJ-RC ([janetta.bijl.hsj@ssss.gouv.qc.ca](mailto:janetta.bijl.hsj@ssss.gouv.qc.ca)). Applications received by December 10, 2021 will be given priority consideration, but the position will remain open until filled. Completed applications will consist of a cover letter, curriculum vitae and a statement of research interests (2-page limit).

***About the CHU Sainte-Justine Research Centre***

*CHUSJ is the only mother-child university hospital center in Quebec and the largest in Canada. With more than 1,200 employees, including more than 200 researchers, the dynamic and cutting edge research performed at CHUSJ-RC aims at deciphering the mechanisms underlying disease as well as developing new diagnostic, therapeutic and preventive tools to improve the clinical care and quality of life of children. For more information, please visit us at <http://recherche.chusj.org/en/Home>*

***About Université de Montréal***

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

***About the 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 comprises 16 departments, 2 schools and more than 700 professors (excluding clinical professors), and serves more than 6000 students. A third of the physicians in Québec and a large number of health professionals in the province trained at UdeM's Faculty of Medicine.*

***About the Department of Neurosciences***

*The Department of Neurosciences is composed of over 120 professors, including 60 clinical neurologists, who work on the main campus of UdeM and/or in 4 hospital-based research centers. The department is home to 240 undergraduate students and over 160 graduate students and post-doctoral fellows. Research projects pursued by members of the department are funded by CIHR, NIH, MSSC, NSERC, Brain Canada and the Weston foundation.*

***\* Language Policy***

*UdeM is a Québec university with an international reputation. French is the language of instruction. To renew its teaching faculty, UdeM continuously aims to recruit the world's best specialists. In accordance with its institutional language policy, UdeM 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 UdeM application process allows all regular professors in the department involved 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 and when the applicant is invited for an interview.*

***Equal Access Employment Program***

*Through its Equal Access Employment Program, UdeM invites women, Aboriginal people, visible and ethnic/cultural 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. UdeM is strongly committed to foster the diversity and inclusion of its personnel. People of all sexual and gender identities are encouraged 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.*