

L'Université
de Montréal
et de votre
carrière.

Deeply rooted in Montreal and dedicated to its international mission, Université de Montréal is one of Canada's Top 100 Employers. Like the city whose name it bears, it is effervescent and multicultural.

UdeM attracts over \$500 million in research funding every year, making it one of the three university research hubs in Canada. It also ranks among the best universities worldwide and among the five best French language universities.

Through the achievements of the members of its community, UdeM participates in building today's and tomorrow's world.

Assistant Professor in Pharmacogenetics

Faculty of Pharmacy

In collaboration with the Research Centre of the *Centre hospitalier universitaire Ste-Justine* (RC CHUSJ), the Faculty of Pharmacy is looking for an assistant professor in pharmacogenetics (**tenure track position**).

As the most important francophone faculty of pharmacy in North America, the Faculty of Pharmacy of the *Université de Montréal* is devoted to ensuring leadership in education and delivering state-of-the-art research in pharmaceutical sciences and care. With their commitment and pursuit in innovation, our professors are dedicated to the training of the next generation of professionals and experts who influence society as a whole and the scientific community, thus sustaining the faculty's international recognition and reputation. By joining our faculty as a professor, you will contribute to our mission which is to ensure leadership in education and research on drugs, through an innovative and interdisciplinary approach that allows us to overcome society's important health challenges. For more information, please visit us at pharm.umontreal.ca.

The CHUSJ is the most important mother-child hospital center in Canada. With more than 1400 employees, including more than 250 researchers, the dynamic cutting-edge research conducted at RC CHUSJ aims to understand the mechanisms underlying the disease and to develop new diagnostic, therapeutic and preventive tools to improve the quality of life and the quality of care provided to mothers and children. For more information, please visit the RC CHUSJ website at <http://recherche.chusj.org/fr/accueil>

As a professor, you will have the opportunity to contribute to the promotion of excellence in the Faculty of Pharmacy through your teaching and research activities. You will also ensure the development of your discipline in addition to actively contributing to the functioning of renowned institutions. In this capacity, you will carry out the following functions.

Research: The successful candidate will have to develop an independent, competitive and original research program in the field of pharmacogenetics, primarily in pediatrics, but which may also be related to the pharmacogenetics of adults. This program should aim to integrate and leverage large genomic, pharmacogenetic and clinical databases, possibly using artificial intelligence, to optimize pharmacologic therapies. Among others, the program may aim to develop models for the interpretation of genomic sequences generated in a diagnostic context in order to inform pharmacological therapies. The research program could also cover the development and the evaluation of pharmacogenetics and analyses in clinical practice.

The RC CHUSJ offers an environment conducive to the development of a pharmacogenetic research program since it hosts several relevant platforms (*Centre Québécois de Génomique Clinique*, *Centre*

d'expertise et services de Génome Québec, Clinical Pharmacology Laboratory, RC CHUSJ Analytic Pharmacology Platform, CHUSJ Clinical Data Lake and the *Centre d'accès aux données de recherche de l'Institut de la Statistique du Québec*) and numerous research teams working in the fields of genetics and pediatric pharmacology.

This research program should tie in with those of professors from the Faculty of Pharmacy and researchers from RC CHUSJ. In order to facilitate the launch of research activities, the RC CHUSJ will provide the successful candidate with laboratory space and an office, as well as start-up funds. The Faculty of Pharmacy will also make an office available to the successful candidate and he or she will have the opportunity to apply for infrastructure funding to the Canada Foundation for Innovation (CFI). Moreover, the successful candidate will have access to the Biopharmacy Platform at the Faculty of Pharmacy.

Teaching: The successful candidate will actively participate in undergraduate and graduate education at the Faculty of Pharmacy, particularly in the areas of pharmacogenomics and its clinical application, pharmacology, and pathophysiology. He or she will also contribute to the supervision of undergraduate and graduate students.

Impact and contribution to the successful functioning of the organization: The successful candidate will actively participate in promoting her or his discipline through conferences, publications and scientific activities. She or he will also participate in the functioning of the Faculty of Pharmacy and the RC CHUSJ through contributions to committees and working groups.

To succeed in this role, you will need:

- > Hold a Ph.D. in pharmacogenomics, integrative pharmacology or other relevant discipline;
- > Have completed a postdoctoral training or equivalent in a field relevant to the position;
- > Having a pharmacy education is an asset;
- > Be ready to submit your application to the salary award program of the Fonds de recherche du Québec - Santé or the Canadian Institutes of Health Research;
- > An adequate knowledge of the French written and spoken language or a strong commitment to mastering the proficiency level required, in accordance to [Université de Montréal's Language Policy](#). An institutional learning support program is offered to all professors wishing to learn French or improve their communication skills.

How to submit your application

We invite you to submit, **by March 31, 2023**, your resume and a two-page description of your research program for the next four years. In addition, a letter is requested indicating how you envisage your integration into the Faculty of Pharmacy and RC CHUSJ, with regard to teaching and research. You must also attach three letters of recommendation to your application and forward it by email to:

Lucie Blais, Ph.D.
Vice-doyenne aux affaires professorales
Faculté de pharmacie, Université de Montréal
lucie.blais@umontreal.ca

Additional information about the position

Reference number	PHA 11-22/02
Application deadline	Until March 31, 2023, inclusively
Salary	<i>Université de Montréal</i> offers competitive salaries and a full range of benefits
Starting date	September 1 st , 2023 or after depending on the candidate's availability

DIVERSITY AND INCLUSION

Université de Montréal is strongly committed to fostering [diversity and inclusion](#). Through its *Equal Access Employment Program (EAEP)*, UdeM invites applications from women, Aboriginal people, visible and ethnic minorities, as well as persons with disabilities. We will –confidentially – adapt our recruitment mechanisms to the specific needs of people with disabilities who request it.

UdeM embraces a broad and inclusive definition of diversity that goes beyond applicable laws, and therefore encourages all qualified individuals to apply, regardless of their characteristics. However, in accordance with Canadian immigration requirements, priority will be given to Canadians and permanent residents.

In order to measure the impact of its equity, diversity and inclusion actions, UdeM is collecting data on applicants identifying themselves with one of the groups targeted by the Equal Employment Opportunity Act, namely women, Aboriginal people, visible minorities, ethnic minorities and people with limitations. To this end, we thank you for completing [this self-identification questionnaire](#). The information you provide through this form is **strictly confidential** and will be shared only with those responsible for the UdeM EAEP. If you wish, you may also indicate that you belong to one of the targeted groups in your cover letter, which will be reviewed by the selection committee and the assembly of peers.

Université de Montréal's application process allows all members of the Professor's Assembly to review the application files submitted. If you wish to keep your application confidential until the shortlist is established, please mention it in your application.

