

L'Université de Montréal et de votre carrière.

Université de Montréal has more than 10,000 employees and is one of Canada's Top 100 Employers.

UdeM has Canada's 2nd largest student body and ranks among the top five Canadian universities in research, receiving more than half a billion dollars in research funding every year.

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

Assistant or Associate Professor in single-particle cryo-EM

Department of Biochemistry and Molecular Medicine, Faculty of Medicine

The Department of Biochemistry and Molecular Medicine of the Université de Montréal invites applications for a tenure track position faculty at the Assistant or Associate Professor level. We are seeking a strong and dynamic candidate who uses state-of-the-art techniques in cryo-electron microscopy for structure determination of biological macromolecules with the goal of elucidating their mechanisms and contribute to the molecular design of drugs. Candidates with expertise in other areas of structural biology including computational approaches (artificial intelligence, etc.) will also be considered. Outstanding candidates will be considered for the Courtois Endowed Research Chair in Molecular Design of Drugs at the Université de Montréal for an initial period of 5 years.

Their research activities will take place on the Université de Montréal campus. The successful candidate will join a highly collaborative faculty spanning a broad range of fields and a department that provides exceptional support through its core research facilities, including state-of-the-art facilities in structural biology and microscopy. We are especially interested in attracting colleagues who share our commitment to teaching, mentoring, and fostering a collaborative climate that embraces both excellence and diversity. The candidate will be encouraged to coordinate efforts in the development of cryo-electron microscopy at the Université de Montréal.

The City of Montreal is a rich environment for sciences and post-secondary education with a strong tradition in structural biology. The candidate will have exceptional opportunities to collaborate with high-calibre scientists on campus and in our affiliated institutes, including researchers in structural biology, bioinformatics, drug discovery and medicinal chemistry. The candidate will also benefit from the rich environment in artificial intelligence, machine learning and deep learning networks at the Université de Montréal through interactions with scientists from Mila and IVADO institutes.

As a professor, you will have the opportunity through your teaching and research activities to contribute to the excellence and visibility of the Faculty of Medicine/Department of Biochemistry and Molecular Medicine. As such, we expect that you will:

- » Obtain independent funding, in particular from federal granting agencies and maintain an active research program;
- » Contribute to the department's teaching mission at both the undergraduate and graduate levels;
- » Supervise graduate students;
- » Develop a network of collaborations both within the Faculty of Medicine and internationally;
- » Contribute to the academic life of the Faculty of Medicine/Department of Biochemistry and Molecular Medicine.

To succeed in this role, you will need to:

- » Hold a Ph.D. in biochemistry (or equivalent) and demonstrate significant post-doctoral experience and productivity in the field of structural biology;
- » Have outstanding experience in this field, including advanced techniques in cryo-electron microscopy and complementary approaches such as cell biology, molecular biology, biochemistry, biophysics, and bioinformatics;
- » Have the ability and great interest to work in a team environment;
- » Have an adequate knowledge of the written and spoken French language **or** a strong commitment to obtaining a required proficiency level, in accordance with [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

Applications should include a cover letter outlining your interests and career goals, a curriculum vitae, a three-page summary of current and proposed research as well as copies of three relevant publications. Name and contact information for three references are also required. Your application must be emailed **before January 15, 2021** to lorraine.bidegare.charette@umontreal.ca and be addressed to:

Pascale Legault, PhD
Chair, Department of Biochemistry and Molecular Medicine
Université de Montréal
P.O. Box 6128, Station Centre-ville
Montréal (Québec), CANADA, H3C 3J7
Site Web : <https://biochimie.umontreal.ca/>

Additional information about the position

Reference number	MED_11-20/8
Application deadline	Until January 15 2021, inclusively
Salary	Université de Montréal offers competitive salaries and a full range of benefits
Starting date	As of June 1 st , 2021

You will find a French version on our [Careers website](#).

Université de Montréal is strongly committed to fostering diversity and inclusion. Through its *Equal Access Employment Program*, 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. We also welcome applications from candidates of all orientations and sexual identities. All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, priority will be given to Canadians and permanent residents.

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.



The University of Montreal
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