



# Become a Professor at the Assistant and Associate Professor level in the field of bioinformatics

Université de Montréal's [Faculty of Medicine](#) is one of the world's leading French-language medical faculties. In both teaching and research, its mission is to actively contribute to the advancement of knowledge and mastery of skills needed to improve healthcare.

The [Department of Biochemistry](#) offers a dynamic, world-class environment for research and teaching in biochemistry, molecular medicine, human genetics and bioinformatics. It is a top performer in biomedical research and the only centre in Quebec to offer a postdoctoral program in clinical biochemistry.

The [CHU Sainte-Justine](#) is the largest mother-child health center in Canada. With over 1,400 employees, students, and researchers, the [CHU Sainte-Justine Azrieli Research Center](#) (CHUSJ-ARC) conducts cutting-edge research aimed at understanding the mechanisms underlying diseases and developing new diagnostic, therapeutic, and preventive tools to improve the quality of life and the quality of care provided to mothers and children.

## Your day-to-day impact

Through your teaching and your research activities, you will play a pivotal role in fostering excellence within your faculty. Furthermore, you will enhance the prominence of your area of expertise and actively participate in the daily activities of our renowned university. In this role, your responsibilities will include:

- Actively teach at all levels within the Department of Biochemistry and Molecular Medicine;
- Supervise undergraduate and graduate students, as well as postdoctoral fellows, contributing to their academic and scientific training;
- Develop and maintain an active and productive research program in bioinformatics and secure independent funding from federal grant agencies;
- Develop a network of local collaborations, particularly at CHUSJ and more broadly within the UdeM network and the Montreal scientific community, as well as at the national and international levels;
- Contribute to the academic life of the Department of Biochemistry and Molecular Medicine, the Faculty of Medicine, and the CRA-CHUSJ by participating in various committees and working groups, thereby enhancing institutional engagement;
- Actively contribute to the promotion of the discipline through conferences, the publication of scientific papers, the organization of large-scale scientific events, etc.

## What you'll need to succeed

- Hold a PhD;
- Demonstrate significant experience and productivity at the postdoctoral level or as an independent researcher in the field of bioinformatics, in its fundamental and/or translational aspects;
- Demonstrate strong expertise in developing original methodologies in bioinformatics, preferably including the integration of omics approaches, artificial intelligence, and/or the development of diagnostic interpretation tools;
- Apply original bioinformatics methodologies to study biological questions relevant to maternal and child health, including but not limited to developmental biology, pediatric cancers, and genetic diseases;
- Demonstrate an ability to deliver high-quality university-level teaching;
- Demonstrate potential to supervise graduate students;
- Exhibit ambition, dynamism, and a desire to collaborate;
- Adequate proficiency in the French language or a strong commitment to mastering the proficiency level required upon assuming the position in accordance to [Université de Montréal's Language Policy](#). A French language learning assistance program is offered to all professors who wish to acquire French language skills or enhance their communication abilities.

## Additional information about the position

- A competitive salary combined with a complete comprehensive benefits package;
- Generous startup funds;
- Research space and access to cutting-edge platforms at the CHUSJ-ARC;
- A tenure-track position in the Department of Biochemistry and Molecular Medicine at the Faculty of Medicine of UdeM;
- Start date expected as of June 1, 2025;
- Location : Montreal Campus.

## Application process

Your application must include the following documents and be sent before the January, 24, 2025:

- Cover letter (two pages);
- Curriculum vitae;
- Copies of three recent publications or research papers;
- Statement of your teaching and supervision philosophy (one page);
- Description of your research program (two pages);
- A copy of your diplomas;
- The names and contact information of three (3) individuals who can provide letters of reference.

Your application must be submitted as a single PDF file. Please note that only selected candidates will be contacted for an interview.

### Contact person

Pascale Legault, Director  
Department of Biochemistry and Molecular Medicine  
[direction@bcm.umontreal.ca](mailto:direction@bcm.umontreal.ca)

Université de Montréal is committed to employment equity within its community and aims to recruit diverse staff and faculty. We strongly recommend that you complete [this self-identification questionnaire](#).

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.

#### **BENEFITS**

- Medical, paramedical, dental care and travel insurance
- Employee and family assistance program, along with an institutional program for better health and well-being
- Defined benefit pension plan offering a retirement pension with indexing, visit [rrum.umontreal.ca](http://rrum.umontreal.ca)
- Life insurance and disability income insurance

#### **WORK-LIFE BALANCE**

- Up to 2 years of parental leave
- Workload reduction upon return from leave and until the child reaches 2 years of age
- Two on-campus daycare centers
- Summer day camps and during school breaks at the Physical Center of Sports of UdeM
- Compassionate leave

#### **PROFESSIONAL DEVELOPEMENT**

- Startup Fund
- Professional Expenses Allocation Program and Development Leave
- French Language Program
- Study and Research Year
- University Pedagogy Development Activity
- Tuition fee exemption program for yourself, your spouse, or partner, and dependent children

#### **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, Indigenous Peoples, 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.

The University adopts a broad and inclusive definition of diversity that goes beyond applicable laws and encourages all qualified individuals, regardless of their characteristics, to apply for positions. In accordance with current immigration requirements in Canada, please note that priority will be given to Canadian citizens and permanent residents.

The self-identification questionnaire is a voluntary step to promote a diverse and inclusive work and living environment.

The personal information you provide is valuable and will help us improve our practices and comply with current laws.

Personal information is confidential. Be assured that it will be collected and used in accordance with applicable federal and provincial laws, will never be disclosed without your consent, and will not hinder your hiring or career progression at the University of Montreal.