



# Become an Assistant or Associate Professor 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 and Molecular Medicine](#) 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.

## Day-to-day responsibilities

Through your undergraduate and graduate-level teaching, and your research activities, you will contribute to the faculty's pursuit of excellence. Furthermore, you will promote your discipline and actively participate in the daily activities of a renowned institution. As such, you will:

- 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.

## Qualifications

- 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;
- Have adequate proficiency of the French language **or** be committed to learning it once hired, through the Université de Montréal's French language support program, in accordance with the [Université de Montréal language policy](#).

## Additional information about the position

- Competitive salary and a comprehensive range of benefits
- 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
- Expected start date: January 1, 2026
- Located at the Montreal campus

## How to submit your application

The application file presented must include the following documents, to be submitted before November 30, 2025:

- A cover letter
- A curriculum vitae
- Copies of, or links to, three recent publications or research papers
- A statement outlining your teaching and mentoring experience and approach
- A research program proposal
- Contact details of three referees who will be solicited for a letter of recommendation
- A copy of your diplomas
- Your application must be submitted as a single PDF file. Please note that only selected candidates will be contacted for an interview

### Contact information

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We encourage you to complete the [self-identification questionnaire](#). More information is available in the *Equity, Diversity and Inclusion* section at the end of this document.

*As per UdeM's appointment procedures, members of the Assembly of Professors may consult all submitted application files. If you wish your application to remain confidential until the shortlist is established, please mention it in your application.*

## PROFESSIONAL DEVELOPMENT

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| <ul style="list-style-type: none"> <li>• Medical, paramedical, dental and travel insurance</li> <li>• Employee and Family Assistance Program along with an Institutional Health and Wellness Program</li> <li>• Defined benefit pension plan with indexed pension payments upon retirement (<a href="http://rrum.umontreal.ca">rrum.umontreal.ca</a>)</li> <li>• Life insurance and disability income insurance</li> </ul> | <ul style="list-style-type: none"> <li>• Up to two years of parental leave</li> <li>• Reduced workload upon return from parental leave, until the child turns two</li> <li>• Two on-campus childcare centres</li> <li>• Summer camps and spring break camps at UdeM's Sports and Fitness Centre</li> <li>• Compassionate leave</li> </ul> | <ul style="list-style-type: none"> <li>• Research and study leave</li> <li>• Research start-up funding</li> <li>• French language training program</li> <li>• University-level teaching skills development activities</li> <li>• Professional development and sabbatical leave allowance program</li> <li>• Tuition waiver program for you, your spouse, and dependent children</li> </ul> |
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UNIVERSITÉ DE MONTRÉAL AND INCLUSION

Université de Montréal places the [values of diversity, equity and inclusion](#) at the heart of all its missions. Through its Equal Access to Employment Program, Université de Montréal invites women, Indigenous peoples, visible minorities, ethnic minorities, and people with disabilities to self-identify and apply. During the recruitment process, our selection tools will – confidentially - be adapted to meet the needs of individuals with limitations who request accommodation.

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

Completing the self-identification questionnaire is a voluntary process aimed at supporting a diverse and inclusive working and learning environment.

The personal information you provide through the questionnaire is valuable - it helps us improve our practices and comply with applicable legislation.

All personal information is confidential. You can rest assured that it will be collected and used in accordance with federal and provincial laws, will never be disclosed without your consent, and will not affect your hiring or career progression at Université de Montréal.