



# Become an Assistant or Associate Research Professor (PSO) in Cellular, Molecular and Synaptic Neuroscience

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 Neurosciences](#) brings together the expertise of multiple teams engaged in cutting-edge research, quality teaching and the promotion of innovation in a multidisciplinary context. Home to a critical mass of experts in both basic and clinical neurosciences, the Department offers a diverse range of education and research programs.

The Department of Neurosciences is a part of the [Biomedical Innovation Center \(CIB\)](#), which brings together more than 50 researchers from the five fundamental science departments of the Faculty of Medicine on the main campus. This new center covers a wide range of research fields, including structural and quantitative biology, host-pathogen-environment interactions, and cellular and systems neuroscience.

## Your day-to-day impact

You will play a pivotal role in fostering excellence within your faculty through research and teaching at the undergraduate and graduate level. You will advance knowledge in your specific area of expertise and actively participate in the daily activities of a world-class university. In this role, your responsibilities will include:

- Develop a research program that complements the Department's existing strengths, such as synaptic and neuronal physiology, circuit physiology, neuron-glia interactions, artificial intelligence, and computational neuroscience;
- Secure competitive research funding;
- Supervise undergraduate and graduate students as well as postdoctoral trainees and contribute to their academic and scientific development;
- Teach across undergraduate and graduate programs in the general field of neurosciences, particularly in cellular and molecular physiology;
- Contribute to the academic life of the Department by participating in various steering committees;
- Actively promote the field through conferences, scientific publications, the organization of large-scale scientific events, etc.

## What you'll need to succeed

- Hold a Ph.D. and have completed postdoctoral training in neuroscience or a related field;
- Demonstrate significant experience and productivity at the postdoctoral level or as an independent researcher in the relevant field;
- Possess strong expertise in cellular, molecular, and synaptic neuroscience;
- Show the ability to develop an outstanding research program recognized internationally and to secure competitive research funding;
- Demonstrate aptitude for delivering high-quality university teaching;
- Exhibit potential to develop internal, national, and international collaborations;
- Demonstrate potential to mentor graduate students;
- Display willingness and enthusiasm to collaborate and build projects with colleagues in systems neurosciences;
- Be ambitious, dynamic, and eager to work in teams;
- 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

- Competitive salary combined with a comprehensive range of benefits;
- Expected starting date: September 1<sup>st</sup>, 2025;
- Location: Primarily on the Montreal Campus.

## Application process

Submit your application to UdeM before the March 28<sup>th</sup>, 2025. Be sure to include the following:

- 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);
- At least three reference letters sent directly by the person providing the reference to the contact below.

### Contact Person

Alexandre Prat, Directeur  
Département de neurosciences, Faculté de médecine  
Email : [direction@neurosc.umontreal.ca](mailto:direction@neurosc.umontreal.ca)

We encourage you to complete the [self-identification questionnaire](#). Information on our Equity, Diversity and Inclusion Policy is included at the end of this document.

*In accordance with UdeM appointment procedures, members of the Assembly of Professors may consult all application files. If you would like your application to remain confidential until the shortlist has been decided, please indicate this 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.