

Call for candidates

Professor in Neurosciences

N° 07628

Posting period: May 26 to August 15, 2025, 5 PM

JOB DESCRIPTION: Professor

LOCATION: Sherbrooke Health Campus

STATUS: Regular

ADMINISTRATIVE UNIT:

Faculty of Medicine and Health Sciences

Department of Pharmacology and Physiology

SCHEDULE: Full time tenure-track position




The Université de Sherbrooke (UdeS) is inviting applications for a full-time, tenure-track faculty position in Neurosciences. This regular position is affiliated with the Department of Pharmacology and Physiology in the Faculty of Medicine and Health Sciences.

ABOUT THE FACULTY

The Faculty of Medicine and Health Sciences (FMHS) at the Université de Sherbrooke stands out for its exceptional work and study environment. From its inception, it brought together a medical school and a university hospital centre at a single location. Today, it offers more than 80 academic programs in Sherbrooke, Longueuil, Saguenay, and Moncton (New Brunswick), tailored to the needs of the communities it serves. Despite this remarkable growth, the Faculty has maintained a flexibility that fosters innovation in both teaching and research. The FMHS includes over 750 professors and researchers whose work has contributed to increased graduate enrolment and a more than 50% rise in research funding since 2016. It is affiliated with prestigious university hospital research centres and is a collaborating centre of the World Health Organization (WHO).

ABOUT THE DEPARTMENT

The Department of Pharmacology and Physiology includes 20 professors engaged in diverse research activities, covering several areas of modern pharmacology (GPCR signalling, drug design, proteolytic enzymes, pain, opioids, pharmacogenetics, structural biology) and physiology (motor coordination, electrophysiology, neuroimaging, muscle regeneration). The combined



expertise within the department creates a collaborative environment that is highly conducive to the development of early-career researchers.

Most department members conduct their research in the Institut de pharmacologie de Sherbrooke (IPS) building, located near the new Pavillon de santé de précision et de recherche translationnelle (PSPRT). This proximity fosters numerous collaborations with scientists specializing in digestive diseases, gastrointestinal cancer, inflammation, microbiology, and population health.

DESIRED PROFILE

The Department of Pharmacology and Physiology is seeking to recruit a professor specializing in Neurosciences to strengthen this rapidly growing area and support the launch of a new graduate program in Neurosciences. This field is currently thriving, driven by recent technological advances that enable imaging and identification of the functional roles of genetically defined cell populations (e.g., optogenetics, chemogenetics, preclinical in vivo imaging, etc.). These new approaches pave the way for research ranging from basic to applied science.

The ideal candidate will have expertise in the functional study of neuronal or glial cells, particularly in relation to behaviour, neural plasticity, or neuropathological states. Desired areas of expertise include optogenetics, chemogenetics, visualization of cellular activity through in vivo microscopy or imaging, electrophysiology, large-scale analysis of gene expression in brain cells, and connectomics.

Postdoctoral training in Neurosciences is preferred, along with a strong background in physiology, to contribute to teaching at the undergraduate, graduate, and postgraduate levels in Pharmacology and Physiology. The successful candidate will join a dynamic and collaborative research environment within the Department and will carry out their work at the IPS, with the Department of Pharmacology and Physiology serving as their home unit.

DUTIES

- Teach at the undergraduate, graduate, and postgraduate levels.
- Develop fundamental or applied research activities.
- Supervise graduate students.
- Participate in departmental, faculty, and university life.
- Contribute to community service.



REQUIREMENTS

- Hold a PhD in Neuroscience, Pharmacology, Physiology, Biomedical Sciences, or a related field deemed relevant.
- Demonstrate an interest in university-level teaching in Neuroscience, Pharmacology, Physiology, Biomedical Sciences, or related relevant discipline.
- Show a strong interest in Neuroscience research (disciplinary or interdisciplinary), as well as in knowledge transfer and innovation.
- Demonstrate strong ability to supervise graduate students.
- Have a publication record in internationally peer-reviewed journals that reflects research excellence.
- Demonstrate strong interpersonal skills, a collaborative spirit, and the ability to work effectively as part of a team.
- Exhibit leadership, initiative, and excellent communication skills, with the ability to engage and interact effectively and harmoniously with various internal and external partners.
- Be able to comply with the requirements for [responsible conduct in research](#).
- Be able to teach in French or demonstrate the ability to acquire this capacity quickly.
- Develop a funded research program in the field of Neurosciences.

The working conditions are governed by the collective agreements in force.

Regular, full-time, tenure-track position.

Anticipated start date: 2026.

EQUITY, DIVERSITY AND INCLUSION

The Université de Sherbrooke (UdeS) values equity, diversity, equality and inclusion in employment within its community and invites all qualified individuals to apply, particularly women, members of visible and ethnic minorities, Aboriginal peoples and [persons with disabilities](#) in compliance with the Quebec Act respecting equal access to employment in public bodies. The screening and assessment tools can be adapted according to the needs of persons with disabilities who request them, and this, in complete confidentiality. The Université de Sherbrooke also encourages people of all sexual orientations and gender identities to apply. Priority will be given to Canadians and permanent residents. [Learn more about equity, diversity and inclusion at UdeS.](#)



APPLICATION PROCESS

The deadline for submitting applications is Friday, **August 15, 2025**, 5PM EST.

The review of applications will begin on August 16, 2025 and will continue until the position is filled.

On our website ([USherbrooke.ca/emplois](https://www.usherbrooke.ca/emplois)), you may submit your application electronically by clicking on “**Postuler**” button (see offer 07628)

Direct link: <https://www.usherbrooke.ca/emplois/offre/no/07628>

Please include the following documents:

1. Your curriculum vitae.
2. A cover letter.
3. A proposed research program (2 pages) outlining the main research themes related to your previous work, objectives, a brief activity schedule, integration with the priority areas of the Faculty of Medicine and Health Sciences, training of highly qualified personnel involved in the program, potential funding sources, and networking plans.
4. PDF copies of your most relevant recent publications.
5. Letters of recommendation may be requested upon demand.