

Call for candidates

Professor in immunobiology of asthma and airway diseases

N° 05788

Posting period: September 9, 2022 to January 31, 2023

JOB DESCRIPTION: Professor

LOCATION: Health Campus

STATUS: Regular

ADMINISTRATIVE UNIT:

Faculty of Medicine and Health Sciences

Department of Medicine

SCHEDULE: tenure-track assistant professor



The [Université de Sherbrooke](#) is seeking applicants for a tenure-track assistant professor position in the [Faculty of Medicine and Health Sciences' Department of Medicine](#). Required expertise is in the field of immunobiology of asthma and other airway diseases. The Department of Medicine invites interested candidates to apply for an assistant professor position.

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.](#)



Desired profile

We are seeking exceptional candidates with expertise in basic sciences who can carry out innovative research programs in immunobiology of asthma and other airway diseases in adults. The Department of Medicine is especially eager to bridge the gap between basic research in asthma and other airway pathologies, and clinical translation. It is essential that the successful applicant integrates basic research with clinical applications through close collaborations with respiratory clinicians and clinician-scientists in asthma and airway diseases. The respiratory division at the University of Sherbrooke has a long-standing (40 years) and prestigious tradition of highly productive innovative research in lung cell and molecular biology, imaging and physiology aimed at improving the health and well-being of individuals with respiratory diseases.

The successful candidate must establish and maintain an independent, externally funded research program and obtain salary support from external sources (e.g. FRQS). The successful candidate must collaborate actively with researchers in the Department's respiratory division, especially with the asthma and airways disease team. The candidate is also expected to collaborate with researchers from the Université de Sherbrooke departments of immunology and cell biology, pharmacology, and physiology.

The successful applicant must teach at all undergraduate and graduate levels. Knowledge of French, or a commitment to learn the language in the short term, is essential.

Main duties

- Teach at undergraduate and graduate levels.
- Supervise graduate students.
- Develop basic and applied research activities, maintain a competitive externally funded research program, and obtain salary support (scholarship/fellowship) from provincial and/or national programs.
- Take part in university life.
- Contribute to community service.

About the Faculty

Basic, applied, and clinical research are key strengths of our institution. The Université de Sherbrooke Faculty of Medicine and Health Sciences enjoys a first-class reputation thanks to its educational innovations, its constant adaptation to society's changing needs and to the success of its world-class research teams. It stands out among the international elite as the only faculty in Canada and the only Francophone faculty in the world to be designated a World Health Organization Collaborating Centre on Health Science Education and Practice.



About the Department

The Department of Medicine was created in 1968. It has more than 200 professors, including clinicians, clinician investigators and basic scientists as well as over 100 graduate students. Most of the clinician and basic scientists are also active members of the clinical research center known as the **Centre de recherche du Centre hospitalier universitaire de Sherbrooke (CRCHUS)**. The Respiratory Division comprises 15 clinicians, 6 of whom are also clinician investigators, and 3 members involved in basic lung biology and immunology research. Research wet laboratory space is vast and thoroughly equipped with state-of-the-art tools including ELISA readers, a scanning and enzyme kinetics spectrophotometer, qPCR apparatus, protein separation, Western blotting, cell culture, histology, and immunohistochemistry tools among others. Members of the division also actively collaborate with experts in mass spectroscopy, peptide synthesis, medicinal chemistry, imaging in humans and animal models (PET scanning, MRI, optical imaging, production of adapted imaging isotopes and tracers with 2 cyclotrons). Access to several other specialized technologies in molecular and cell biology is a clear strength of our environment. Finally, the Respiratory Division is part of the Quebec Respiratory Health Research Network (QRHRN) **biobank** a provincial platform of standardised high-quality human tissue samples which can be shared amongst researchers.

Members of the department teach in the MD program and the graduate programs in Immunology, Physiology, and Health Sciences.

Life in the Eastern Townships

Sherbrooke is medium-sized city in the beautiful eastern townships. The Sherbrooke area offers an outstanding quality of life for researchers and their families. Clean air, abundant clean water, fresh farmer's market produce, subsidized public transport, free public transportation for students and no traffic jams are some of the features Sherbrookers enjoy every day. In addition to a rich cultural life, the area offers access to innumerable lakes, mountains, ski resorts, biking, and hiking trails within minutes of work.

Qualifications

- Hold a PhD and/or MD degree in airway immunobiology or a related field.
- Have at least three (3) years of postdoctoral experience.
- Teach and mentor undergraduate and graduate students.
- Have cutting-edge expertise in the fields indicated above.
- Have a keen interest for and be highly skilled in teaching, university pedagogy, research, development, and innovation.

- Demonstrate leadership qualities, initiative, and an outstanding ability to communicate and effectively and harmoniously interact with various internal and external partners.
- Demonstrate the ability to lead graduate students.
- Have a publication record testifying to the excellence of the researcher's file in the field identified above.
- Demonstrate skills in establishing and maintaining good interpersonal relations, a collaborative spirit and teamwork skills.
- To be able to abide to the requirements in line with the **responsible behavior** of research.
- Ability to teach in French, or to rapidly achieve the ability to do so (2 years).

Work conditions

The working conditions are governed by the collective agreement in effect between the University and the Association des professeurs et professeurs de la Faculté de médecine de l'Université de Sherbrooke (APPFMUS).

Regular full-time tenure-track position.

Anticipated start date: 2023.

Application process

Check our website then submit your application online. For this opportunity, see offer 05788.

Direct link: <https://www.usherbrooke.ca/emplois/offre/no/05788>


The deadline for submitting applications is 5 p.m. **on January 31, 2023.**

Review of applications will begin no later than February 1, 2023 and will continue until the position is filled.

Please attach:

1. A full curriculum vitae.
2. A short research proposal (maximum 2 pages).





In addition, please send three (3) letters of recommendation, directly from the signatories to the following address:

Pr Simon Couillard, M.D., M.Sc.

Chercheur clinicien, directeur de la clinique spécialisée en asthme, service de pneumologie, département de médecine.

Faculté de médecine et des sciences de la santé

Offre d'emploi no 05788

Université de Sherbrooke

3001, 12e Avenue Nord

Sherbrooke, Québec, J1H 5N4

E-mail: s.couillard@USherbrooke.ca