CALL FOR CANDIDATES

The Université de Sherbrooke is a national and international renowned institution, and one of Québec's three major teaching and research centers. Recognized for its educational innovations, its practice-based programs, its work-study program and its innovative approaches to sustainable development, the Université de Sherbrooke is also a leading partner of superior and regional governments to foster social, cultural and economic development.

The Université de Sherbrooke employs some 7,000 people. It hosts 31,000 students and some 11,000 people enrolled at the University of the Third Age. It has more than 2,500 international students coming from 95 countries and territories. With 393 programs of study, it provides training in all cycles and in all major areas of human activity.

Basic, applied and clinical research is a special strength of our institution. The Faculty of Medicine and Health Sciences of the Université de Sherbrooke has a first-rate reputation thanks to its educational innovations, its constant adaptation to the changing needs of society and the success of its world class research teams. It shines 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 Center for Health Training.

The Department of Biochemistry and Functional Genomics, in association with the Department of Pediatrics and its Medical Genetics division, has a particular interest in applications with a research program related to the integration of genomic data into personalized health care for patients with hereditary disorders and cancer. This includes the development of tools and algorithms that can use machine learning to process patients' genomic data and integrate them with other omics data (transcriptomic, proteomic, epigenomic, etc.) as well as clinical data for the identification of new biomarkers.

In addition to a bioinformatics professor already in place in the department, a bioinformatics facility led by a research professional has been set up to provide services to researchers.

UNIVERSITY’S COMMITMENT TO EQUITY, DIVERSITY AND INCLUSION

The University is committed to making a priority of these values as strategic factors of excellence. This commitment is stated in the University’s Plan d'action d'équité pour les programmes interorganismes (2017–2022). The University invites all qualified individuals to apply, in particular, women, members of visible and ethnic minorities, Aboriginal peoples, and persons with disabilities under the Programme d’accès à l’égalité en emploi (PAEE).

Moreover, the selection tools can be adapted, with an assurance of complete confidentiality, to the needs of persons with disabilities who so request. The University also encourages individuals of all sexual orientations and gender identities to apply. Canadians and permanent residents will be given priority.

PROFESSOR IN BIOINFORMATICS AND CLINICAL GENOMICS

Faculty of Medicine and Health Sciences
Department of Biochemistry and Functional Genomics
Sherbrooke Health Campus

The Université de Sherbrooke is inviting applications for a tenure-track faculty position at the rank of assistant Professor in the Department of Biochemistry and Functional Genomics at the Faculty of Medicine and Health Sciences, with an association with the Department of Pediatrics and its Medical Genetics division. This is a regular full-time position.

The Department of Biochemistry, in association with the Department of Pediatrics and its Medical Genetics division, has a particular interest in applications with a research program related to the integration of genomic data into personalized health care for patients with hereditary disorders and cancer.

This includes the development of tools and algorithms that can use machine learning to process patients' genomic data and integrate them with other omics data (transcriptomic, proteomic, epigenomic, etc.) as well as clinical data for the identification of new biomarkers.

We seek applications from exceptional candidates with a background in bioinformatics and an interest in the field of genomics and medical applications.

The successful candidate will join the expertise already present in the Faculty in terms of transcriptomics, proteomics, epigenetics, functional genomics, as well as medical genetics and clinical genomics.

PRINCIPAL CHALLENGES AND DUTIES

- Teach and supervise undergraduate and graduate students.
- Supervise graduate students.
- Develop basic and applied research activities and maintain a competitive research program funded by external funds, and obtain salary support from provincial and / or national programs.
- Participate actively in academic and administrative committees.
- The candidate will be required to teach in French at most two years after he or she takes office.

QUALIFICATIONS

- Hold a PhD in Bioinformatics, Biochemistry, Genetics or other related field.
- Have at least two years of postdoctoral experience.

Job status: Full-time. Estimated start date: June 2020.

Application must be submitted to the department chair: xavier.roucou@usherbrooke.ca. Please submit your application before November 30, 2019.

The following supporting documents are required: cover letter, curriculum vitae, statement of research (max 2 pages) and contact information of three referees.