

Position Description

The Research Center of the Centre hospitalier de l'Université de Montréal (CRCHUM) and the Department of Pharmacology and Physiology of the Faculty of Medicine of the Université de Montréal (UdeM) are currently in the process of recruiting an outstanding research professor in basic research involving the study of immuno-inflammatory diseases of connective/musculoskeletal tissues (including osteoarthritis, arthritis and other immuno-inflammatory diseases that have an articular damage component) and the identification of biomarkers.

The translational research program, using human specimens and Omics-type approaches, will establish connections with the clinical departments of the CHUM in order to facilitate a continuum of research with the clinician-scientists of the Immunopathology Theme, and to ensure collaborations with the basic researchers of the Theme, working on "non-infectious inflammatory diseases". The candidate will play a central role in complementing the research strengths of the Department of Pharmacology and Physiology, the Faculty of Medicine and the CRCHUM.

As researcher at CRCHUM, the new principal investigator will join a rich and diverse research environment with state-of-the-art facilities and a highly stimulating scientific environment. In addition, he/she will be a professor-researcher at the Faculty of Medicine of the UdeM. An establishment fund and competitive recruitment conditions will also be offered according to experience and skills.

Responsibilities

The research professor will be responsible for:

- ✓ Create and carry out an innovative and productive basic research program in the area of inflammatory connective tissue/musculoskeletal diseases, consistent with/complementary to existing research activities at the CRCHUM
- ✓ To get involved in the teaching and supervision of graduate students in the curricula of the Department of Pharmacology and Physiology of the Faculty of Medicine. According to the language policy of the Université de Montréal*, professors who are not fluent in French at the time of their appointment will benefit from a French language support program and must be sufficiently competent to teach in French after a period of three years
- ✓ Contribute to the scientific and academic life of the CRCHUM and the University Department
- ✓ Participate in the outreach activities of the CRCHUM and the Faculty of Medicine, particularly by disseminating research results.

Requirements

Applicants must:

- ✓ Have a Ph.D. and/or M.D. or equivalent degree, and sufficient postdoctoral experience to establish an independent and creative basic research program
- ✓ Candidates will be expected to develop a world-class, cutting-edge basic research program that will be funded by national and/or international organizations in areas of study related to inflammation, connective tissue/musculoskeletal diseases or similar. Expertise in "Omics" approaches will be considered a plus
- ✓ Candidates in the early to mid-career stage are preferred
- ✓ Candidates must have a competitive record of publications in peer-reviewed journals, and have demonstrated potential to obtain research grants from recognized organizations
- ✓ Candidates should have a strong academic record, excellent interdisciplinary collaboration skills, and good teaching skills.

To apply

Interested applicants must submit by **February 25th, 2022**:

- ✓ A complete curriculum vitae
- ✓ A letter explaining the applicant's motivation (maximum 2 pages)
- ✓ A detailed plan describing the applicant's research interests, expertise in the field of study and future research program (3 pages maximum)
- ✓ Three letters of support submitted separately by email directly from the referees.

Applications should be addressed to:

Emmanuelle Brochiero Ph. D.

Head of the Immunopathology Research Theme CRCHUM

and submitted electronically to the following email address : manon.livernois.chum@ssss.gouv.qc.ca

Only successful candidates will be contacted for an interview.

Selection process: The candidate will be selected using the regular selection process employed at CRCHUM.

Research Center of the Centre hospitalier de l'Université de Montréal

The CHUM and its research center (CRCHUM) is one of the largest hospital-based research centers in North America. With more than 1,800 employees, including 500 researchers and 400 staff, the CRCHUM is a centre of excellence where knowledge, expertise and innovation coexist for the benefit of patients. Its researchers and students adopt a global approach that integrates the entire research continuum, from basic research to population health research and clinical research. Several breakthroughs made over the years are paving the way for new avenues to improve the diagnosis and treatment of diseases.

<https://rachum.ca/crchum2019/en/>; <https://rachum.ca/crchum2020/en/>



Université de Montréal

The Université de Montréal is one of the leading research universities in Canada. Together, with its two affiliated schools, HEC Montréal and École Polytechnique, it constitutes one of the largest centres of higher education in North America. For more information, please visit the following link:

<https://www.umontreal.ca/l-udem/#profil>

Faculty of Medicine

A world-renowned institution and one of the founding Faculties of its university, the Faculty of Medicine of the Université de Montréal has a three-fold mission of teaching, research and health care improvement in the basic, clinical and health sciences. It has 15 departments, 3 schools and more than 700 professors (not including clinical professors) serving over 6,000 students. One third of Quebec's physicians and a large proportion of the province's health professionals are trained at the Faculty of Medicine. <https://medecine.umontreal.ca/faculte/portrait-de-la-faculte/>

***Language Policy**

Université de Montréal is a Québec university with an international reputation. French is the language of instruction. To renew its teaching faculty, the University is intensively recruiting the world's best specialists. In accordance with the institution's language policy, Université de Montréal provides support for newly-recruited faculty to attain proficiency in French.

https://secretariatgeneral.umontreal.ca/public/secretariatgeneral/documents/doc_officiels/reglements/administration/adm10_34-politique-linguistique.pdf

CRCHUM and Université de Montréal are strongly committed to fostering diversity and inclusion. Through their Equal Access Employment Program, CRCHUM and UdeM invite applications from women, Aboriginal people, visible and ethnic minorities, as well as persons with disabilities. They will confidentially adapt their recruitment mechanisms to the specific needs of people with disabilities who request it. They also welcome applications from candidates of all orientations and sexual identities. All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, priority will be given to Canadians and permanent residents.

Université de Montréal's application process allows all members of the Professor's Assembly to review the application files submitted. If you wish to keep your application confidential until the shortlist is established, please mention it in your application.

Immigration requirements

We invite all qualified applicants to apply to the CRCHUM. However, in accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.