The Department of Microbiology, Infectious Diseases and Immunology of the Faculty of Medicine of the University of Montreal (UdeM) is looking for an Associate or Full professor in the field of bacteriology. The person must be able to develop an original, independent and highly competitive research program in bacteriology on the diversity and evolution of antibiotic resistance mechanisms. An interest in the genetics of bi-directional interactions between phages and bacteria within microbial communities would be an asset.

Research programs focused on bacterial pathogens or related experimental systems are of particular interest to us, as is a desire to collaborate with the growing community of researchers working in the discovery of antimicrobial agents at the UdeM.

This faculty position is tied to the 2022 Canada Excellence Research Chairs (CERC) program and can only be filled by candidates who will be awarded a CERC. The yearly allocation for the institution is $5M. Under this program, Chairholders will be awarded either $500,000 or $1 million per year for a period of 8 years and the research award amount will be established as a function of the demonstrated needs of the research program. The successful candidate will be expected to collaborate on the Chair application until its submission in September 2022.

This recruitment is in line with the strategic priorities of the Faculty of Medicine and its partners, which aim to develop a critical mass of experts in bacteriology at the university level and in particular in antibiotic resistance and the discovery of new classes of antibiotics. This recruitment is also linked to the creation of a centre dedicated to basic biomedical research on the UdeM campus.

As a professor, you will have the opportunity to contribute to the promotion of excellence in the Faculty of Medicine:

Through your teaching to students and through your research activities. You will also ensure the influence of your discipline in addition to actively participating in the operation of a renowned institution. More specifically:

Research:

The successful candidate will have to develop an independent, innovative and international-calibre research program in bacteriology. Priority will be given to research themes oriented towards the field of antimicrobial
discovery. The successful candidate is expected to have demonstrated expertise and track record in bacteriology and genomics as well as the desire to collaborate with experts in bioinformatics as well as deep learning and artificial intelligence at UdeM. This person will be offered the opportunity to apply for infrastructure from the Canada Foundation for Innovation (CFI).

Teaching:

The successful candidate will have to actively participate in undergraduate and graduate teaching at the Faculty of Medicine in the field of microbiology. This person will also participate in the supervision of post-doctoral students as well as undergraduate and graduate students.

Requirements

» Have a doctoral degree in Microbiology or a related discipline, and have significant experience as an independent investigator in the field of bacteriology, including in research topics related to antibiotic resistance, as well as bacteria and phage genomics;
» Have undergraduate and graduate teaching experience;
» Have experience in mentoring postdoctoral fellows, research associates, and other highly qualified personnel;
» Have demonstrated excellent research productivity;
» Demonstrate interest and ability to work within a multidisciplinary team (e.g. biochemists, chemists, engineers, bioinformaticians);
» Have an adequate knowledge of the French language or a strong commitment to mastering the proficiency level required, in accordance to Université de Montréal's Language Policy. An institutional learning support program is offered to all professors wishing to learn French or improve their communication skills.

How to submit your application

Interested individuals must send, no later than May 20th, 2022, a copy of their curriculum vitae and a two (2) page description of their research program for the next four (4) years. In addition, a cover letter is requested indicating how they envision their integration into the Faculty of Medicine with regard to teaching and research. They must also attach three letters of recommendation to their submission and send all documents by email to:

Jacques Thibodeau, Ph.D., Director
Department of Microbiology, Infectiology and Immunology
Faculty of Medicine
Email: jacques.thibodeau@umontreal.ca

Additional information about the position

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<tr>
<th>Reference number</th>
<th>MED_04_22/08</th>
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<tr>
<td>Application deadline</td>
<td>From April 20th to May 20th, 2022, inclusively</td>
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<tr>
<td>Salary</td>
<td>Université de Montréal offers competitive salaries and a full range of benefits</td>
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<td>Starting date</td>
<td>No later than 12 months after the Chair is awarded</td>
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DIVERSITY AND INCLUSION

Université de Montréal is strongly committed to fostering diversity and inclusion and has implemented an Equal Access Employment Program (EAEP). UdeM invites applications from women, Aboriginal people, visible and ethnic minorities, as well as persons with disabilities, and persons of minority sexual orientations and gender identities. At any stage of the recruitment process, our selection tools can be adapted to the needs of people living with limitations who request them: they are invited to communicate in confidence with Professor Jean-Pierre Blondin, Associate Vice-Rector, Faculty Affairs, by email or phone at 514-343-6404.

In order to measure the impact of its equity, diversity and inclusion actions, UdeM is collecting data on applicants identifying themselves with one of the groups targeted by the Equal Employment Opportunity Act, namely women, Aboriginal people, visible minorities, ethnic minorities and people with limitations. To this end, we thank you for completing this self-identification questionnaire. The information you provide through this form is strictly confidential and will be shared only with those responsible for the UdeM EAEP. If you wish, you may also indicate that you belong to one of the targeted groups in your cover letter, which will be reviewed by the selection committee and the assembly of peers.

Université de Montréal further recognizes and fairly considers the legitimate impact of leaves (e.g., parental leaves, delays caused by illness or disability, COVID-19 impacts) that may contribute to career interruptions or slowdowns. Candidates are encouraged to signal any leave that may have had an effect on productivity or on their career path. This information will be carefully weighed to ensure the equitable assessment of candidates records.

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 short list is established, please mention it in your application.

In accordance with Canadian immigration requirements, priority will be given to Canadians and permanent residents.

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The University of Montreal and of the world.