

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

The Research Center of the Centre hospitalier de l'Université de Montréal (CRCHUM) is the largest research center in biomedical sciences and health care at the University of Montreal, and among the largest in Canada. Situated at a few steps, with an underground tunnel from the Champs de Mars metro station, the CRCHUM offers a dynamic and innovative work environment in ultramodern facilities at the cutting edge of technology.



Cancer Axis

The Cancer Axis is situated on the 10th floor of the CRCHUM, wherein multiple collaborative projects take place amongst teams focusing on different cancer types and innovative approaches.

Job Description

Under the supervision of Dr. Saima Hassan, the research assistant will work in her translational research laboratory in breast cancer. Dr. Hassan's research projects aim to better understand the efficacy of PARP inhibitors, either as single agents or in combination, in breast cancer cell lines, in mice models, or in tissue models derived from breast cancer patients. The overarching objective is to identify strategic PARPi combinations and which patient population will respond the best to PARP inhibition using a 63-gene signature. One specific task for the research assistant will be to advance the patient-derived organoid project.

Responsibilities

This person will be responsible for:

- ✓ Skills in molecular biology techniques, including cell culture, immunohistochemistry, immunofluorescence, flow cytometry, western blots, and mice handling (including surgeries for tumor implantations and drug treatments).
- ✓ Data analysis and project management
- ✓ Will help to teach techniques to graduate and undergraduate students within lab
- ✓ Writing abstracts, posters/presentations for conferences, and manuscripts in English
- ✓ Collaborative and respectful of lab members, dynamic, efficient, honest and professional
- ✓ Flexible, concerned about getting the job well done, independent, attentive to detail, very organized.
- ✓ Bioinformatics skills will be an added advantage

Qualifications

- ✓ Should have completed either an MSc or PhD
- ✓ Should have background in cancer research
- ✓ Should have a minimum of one or two first-authored publications
- ✓ Good knowledge of French and English

Status

- ✓ Full-time position, 35 hours per week, daytime from Monday to Friday (with occasional weekends)
- ✓ Position starts ideally from June 1, 2022, 1-year contract, renewable
- ✓ Flexibility of the schedule and work from home possible
- ✓ Salary and benefits according to CRCHUM policies
 - Between \$23 et \$28 per hour
 - 20 days of vacation per year after one year
 - 13 statutory holidays
 - 9.6 cash-convertible sick days
 - Non-unionized position
 - Pension plan (RREGOP) from the first day of employment
 - Group insurance

To Apply

Interested candidates should e-mail their curriculum vitae, cover letter, and a list of 2-3 references to:
saima.hassan@umontreal.ca

Only successful candidates will be contacted for an interview.

The CRCHUM invites women, Aboriginals, visible minorities, ethnic minorities and people with disabilities to apply. The CRCHUM adopts a broad and inclusive definition of diversity that goes beyond applicable laws. The CRCHUM thus encourages all people, regardless of their characteristics, to apply. In accordance with Canadian immigration requirements, please note that priority will be given to Canadian citizens and permanent resident.