

## 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. Located at the Champs de Mars metro station, the CRCHUM offers a dynamic and innovative work environment in ultramodern facilities at the cutting edge of technology.

The CRCHUM promotes job stability and supports the development and professional improvement of its employees who benefit from a full range of social benefits (flexible hours, teleworking policy, pension plan (REGOP), generous leave policy).



## Laboratory of Dr. Dominic Roy - Cancer Axis

A major area of research in our lab focuses on the use of oncolytic viruses as cancer therapeutics. We are particularly interested in understanding the interplay between tumor cell metabolism, virus replication, and antiviral immunity. Our research aims to identify metabolic pathways in tumor cells that regulate oncolytic virus replication and to manipulate tumor cell metabolism to improve oncolytic virus therapy.

Because the induction of potent anti-tumor immune responses is an important mechanism by which oncolytic viruses work, another goal of our research is to understand the impact of metabolism on the function of T cells in the context of cancer immunotherapy.

## Responsibilities

This person will be responsible for:

- ✓ Planning, executing, and analyzing experiments
- ✓ Presenting data at various meetings
- ✓ Applying for scholarships, travel awards etc.
- ✓ Participating in the preparation of manuscripts

## Qualifications

- ✓ Must hold a bachelor's (BSc) in a relevant discipline
- ✓ Must register in a graduate program with the Université de Montréal
- ✓ Must be able to communicate in both French and (basic) English

## Relevant experience

- ✓ Previous lab experience is an asset
- ✓ Familiarity with techniques such as cell culture, molecular biology, gene expression analysis (qPCR, Western blots), flow cytometry, mouse work is also an asset.

### Status and advantages

- ✓ Full-time position
- ✓ Flexibility of the schedule
- ✓ Affiliation with the Institut du cancer de Montréal (ICM)

### To Apply

Interested candidates should e-mail their curriculum vitae, transcripts, and cover letter to:  
**[dominicguyroy@gmail.com](mailto:dominicguyroy@gmail.com)**

*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.*