

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).



Department Name - Axis

Dr. Simon Turcotte is currently recruiting a postdoctoral fellow in his cancer immunology lab. The focus is pre-clinical development of T cell products derived from human tumors and blood, enhanced for tumor reactivity.

Dr. Simon Turcotte

Associate professor

CRCHUM-Centre de Recherche du Centre Hospitalier de l'Université de Montréal

900 rue St-Denis, R10.430

Montréal, Québec, Canada

Job Description

The postdoctoral fellow will primarily manipulate, isolate and process lymphocytes from tumors and blood to develop the best methods for selection, enrichment and ex vivo expansion of functional tumor reactive T cells.

Responsibilities

This person will be responsible for:

- ✓ Design and execute laboratory experiments
- ✓ Supervision of students involved in certain parts of the project.
- ✓ Culturing human immune cells (T and B lymphocytes, DCs).
- ✓ Co-culture and evaluation of T cell reactivity and function (FACS, ELISA, ELISpot, transcriptome).
- ✓ Phenotyping by flow cytometry.
- ✓ Assist and present analyze data at lab meeting and core research project meeting with collaborator

Qualifications

- ✓ PhD in immunology of cancer, solid organ transplant, chronic infections, or auto-immunity.
- ✓ Self-motivation, scientific curiosity, envisioning a career as scientist.
- ✓ Proficiency in flow cytometry (FACS), immune assays, and cell culture of human immune cells.
- ✓ Excellent project management skills (specific training is an asset) and ability to multi-task.
- ✓ Very good publication profile
- ✓ Excellent writing capacity

- ✓ Fluent in written and spoken French and English.
- ✓ Flexibility in working hours.

Status and advantages

- ✓ Full-time position (35h/week).
- ✓ Mainly daytime hours from Monday to Friday. Evening hours as needed to accommodate freshly resected patient tumor. Occasional weekends for cell culture maintenance.
- ✓ Start date of summer 2022.

To Apply

Please send your cover letter, CV, transcript, pertinent publications and the names of three references to:
nathalie.brassard.chum@ssss.gouv.qc.ca

Only successful candidates will be contacted for an interview.

The CRCHUM invites women, Aborigines, 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.