

## Job Opportunity

**Post:** Research Associate

June 17th 2021

**Recruiter:**

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

**Laboratory background:**

Dr. Simon Turcotte is currently recruiting a research associate for his cancer immunology lab. Dr. Turcotte's lab is principally focused on developing new anti-tumor cellular products derived from T lymphocytes in the context of cancer immunotherapy.

**Job description:**

The research associate will primarily manipulate, isolate and process lymphocytes from tumors and blood to develop the best methods for enrichment and *ex vivo* expansion of tumor neoantigen-reactive T cells. The ultimate goal is to test the optimised cell products in phase I/II clinical trials of patients with metastatic cancers.

More specifically, the associate will perform the following tasks:

- Project management: planning experiments, budget management, ordering, receiving and shipping of materials, maintaining inventories, writing SOPs, analysis and synthesis of data, presentation of data for progress reports, archiving data for regulatory documentation.
- Management and training of human resources: supervision of a laboratory technician dedicated to the project and 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 (FACS, ELISA, ELISpot).
- Phenotyping and cell isolation by flow cytometry.
- RNA and DNA extraction for tumor sequencing.

**Qualifications:**

- PhD in immunology or a related field.
- Autonomous in flow cytometry (FACS) and cell culture of human immune cells.
- Excellent project management skills (specific training is an asset) and ability to multi-task.
- Rigorous in planning and executing experiments according to SOPs.
- Knowledgeable in Good Laboratory Practice (GLP) (specific training is an asset).
- Fluent in written and spoken French and English.
- Flexibility in working hours.

Mainly daytime hours from Monday to Friday and occasional evening hours (to accommodate freshly resected patient tumors), occasionally weekends (for cell culture). Full-time position (35h/week).

Please send your cover letter, CV and the names of two references to [sandy.pelletier@umontreal.ca](mailto:sandy.pelletier@umontreal.ca). Potential candidates will be invited for an interview.

Start date of summer 2021, for a 2-year contract with the possibility of renewal.