

Position: Research assistant

Research site: Lady Davis Institute, Jewish General Hospital, Montreal, Quebec

Department: Molecular and Regenerative Medicine

Reports to: Principal Investigator Dr. Lorraine Chalifour

Hours: 37.5 hours / week, Monday to Friday

Job description: The research assistant will work under the direction of the Principal Investigator. The position is full time with a start date in early January 2024. The CIHR-funded research project involves the development of a mouse model of the elderly who experience cardiac surgery. The laboratory researches how poor nutrition and sex influence recovery after a sham surgery or surgery to induce a myocardial infarction. Readouts include quantification of surgery-induced gut microbiota changes and investigation on how these changes impact innate immune and T-cell numbers and in the intestine and damaged heart. Candidates are expected to drive the research forward and serve as a mentor for a graduate student.

Qualifications:

- Recent graduates from a MSc program in immunology, microbiology, or experimental medicine (required).
- Expertise in cytometry of immune cells and Flo-Jo or equivalent (required).
- Experience in bioinformatics analyses, statistical analyses and/or R is an asset.
- Excellent organizational, time and project management skills along with a high degree of independence and willingness to learn and drive the research project.
- Assist in drafting abstracts and scientific communications, graphs, organize data, progress reports and presentations.
- Excellent interpersonal skills, leadership, and ability to communicate.

Salary and benefits:

- \$45,000 to \$48,000 per year based on experience.
- 20 vacation days / year
- 13 statutory holidays / year
- 9.6 sick days
- Pension Plan (RREGOP) from starting date
- Group Insurance, EI and QPIP

Contract length: one year, renewable based on performance

Start: January 2024

Qualified candidates should send their CV, transcripts, sample publications and a cover letter indicating how they meet the job description as well as the names and contact information for 2 references by email to the Principal Investigator (lorraine.chalifour@mcgill.ca).