

Position: Postdoctoral fellow

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 post-doctoral fellow will be registered at McGill University and non-unionized. They will work under the direction of the PI. The position is full time with a start date in early January 2024. The CIHR-funded research project involves development of mice with a humanized gut flora population obtained from normal versus metabolic syndrome patients. The laboratory researches how diet and sex influence recovery after a cardiac surgery. Readouts include quantification of surgery-induced gut microbiota changes and investigation on how these changes impact the trajectory of cardiac remodeling, intestinal innate immune and T-cell numbers, and healing in the damaged heart. Candidates will be expected to drive the research forward and serve as a mentor for a graduate student. As a McGill University postdoctoral fellow, the candidate will have access to career path workshops, individual development plan workshops, be a member of the Post Graduate Student Society and have the opportunity to serve on graduate selection committees within the Graduate Student and Postdoctoral Studies office, if desired.

Qualifications:

- Recent graduates from a PhD program in immunology, microbiology, or experimental medicine (required).
- Expertise in flow cytometry 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.
- Ability to draft abstracts and scientific communications, graphs, organize data, progress reports and presentations.
- Excellent interpersonal skills, leadership, and ability to communicate.

Salary:

- \$45,000 to \$48,000 per year based on experience.
- 20 vacation days / year
- 13 statutory holidays / year
- McGill University Registration
- Post Graduate Student Society Health and Dental Insurance

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 to the PI (lorraine.chalifour@mcgill.ca).