**FULL TIME RESEARCH ASSISTANT**

The Mercier laboratory at the Lady Davis Institute of the Jewish General Hospital is searching for a Research Assistant (35h/week) with an immediate start date.

Our research strives to develop better treatments for disorders of blood production. Life-long blood production relies upon the activity of hematopoietic stem cells, which reside in the bone marrow. Orderly production of blood cells depends on the integration of signals from the bone marrow microenvironment with the intrinsic programming of blood stem cells. Unfortunately, approximately 20,000 Canadians are diagnosed each year with blood cancers, including acute or chronic leukemia, lymphomas, multiple myeloma, and myeloproliferative disorders.

To better understand how blood is regenerated and develop more effective therapies against blood-related illnesses, we are using a wide variety of novel technologies such as CRISPR genome editing in vivo, single-cell RNA sequencing technologies, nucleic acid therapeutics, and analysis of patient-donated samples.

**JOB DESCRIPTION:**

**Administrative aspects (60% of time)**
- Lab organization, inventory management, and ordering of reagents.
- Responsible for administrative, financial, and planning aspects of research.
- Responsible of the laboratory electronic databases (Notion, Sharepoint, Slack) and ensuring compliance.
- Overseeing development and integrity of data collection and instruments.

**Experimental aspects (40% of time)**
- Collaborating with other researchers on specialized techniques (cloning, cell culture, cell transduction, flow cytometry) to collect data for specific projects in the research laboratory.
- Data analysis and reporting.

**MINIMUM QUALIFICATIONS:**
- A bachelor's degree or above (MSc, PhD) in a biological field.
- Experience with cell culture and molecular biology techniques such as molecular cloning, DNA/RNA/Protein extraction, Immunoblotting.
THE IDEAL CANDIDATE:

- Someone willing to integrate a dynamic team with a high sense of curiosity, organization, and professionalism.
- Committed to learning cutting-edge techniques in stem cell and cancer biology, driven to acquire new scientific knowledge.
- Problem-solving mindset, ability to take initiative
- Prior work experience with an organizational and management component is an asset.

ADVANTAGES OF WORKING WITH US:

- We are a dynamic, diverse, and inclusive team working together to positively impact human health.
- We leverage a wide set of cutting-edge experimental tools (computational, patient-derived samples, flow cytometry, in vivo models, etc.)
- Open to discuss integration of work-life balance

SALARY AND BENEFITS:

- Commensurate with years of training and experience, starting 51,000$ for B.Sc.
- 20 vacation days/year; paid sick days; group insurance plan

The Lady Davis Institute (LDI) is committed to equity, diversity and inclusion within its community. The LDI has an equal opportunity employment program and welcomes applications from all qualified candidates, regardless of their characteristics, with the skills and knowledge to productively engage with diverse communities. Accommodation for any part of the application process may be provided to persons with disabilities who request it.

Please send all queries and applications to Dr. François Mercier (francois.mercier@mcgill.ca). With your application, please include a CV, two references, and a statement of interest.