

## **MSc or Ph.D. Student Position Translational Research on Gynecological Cancers**

### **Job Description:**

The MSc. or Ph.D. student will contribute to the design, execution, and analysis of translational research projects aimed at improving precision oncology in gynecological cancers. This role will involve a combination of wet lab (preclinical studies, cell culture, animal models) and dry lab (cancer genomics and pathology) research. The graduate student will gain valuable experience in conducting biomedical research, data analysis, and scientific communication.

### **Duties and Responsibilities:**

- Collaborate with the lab head(s) to design, develop, and perform bench experiments.
- Lead specific research projects while collaborating with other team members.
- Analyze and synthesize their experimental data (tables, figures, etc.) to draw scientific conclusions.
- Contribute to writing scientific papers, reports, and presentations.
- Mentor junior students or team members as required.

### **Qualifications:**

Applicants must either hold a Bachelor's or Master's degree, or be willing to start in a Masters program (students can transfer to PhD before completing the M.Sc.).

### **Experience:**

- Completed a Master's degree or eager to enroll in a Master's program in biomedical sciences, immunology, epigenetics, or a related field.
- Strong wet lab skills, including cell culture, DNA/RNA/protein isolation, Western blotting, immunostaining, etc. (preferably with hands-on training for recent Master's graduates, but also open to candidates with foundational knowledge who are eager to pursue a Master's).
- Familiarity with animal models is advantageous (particularly for PhD candidates).
- Basic experience in analyzing biostatistical data is required for master's candidates or those planning to start a Master's program
- Proficient in scientific writing and presentations, with the ability to communicate effectively in English (both spoken and written) is required for Master's and PhD candidates alike.

### **Profile and Skills:**

- Autonomous, with a proactive attitude and ability to take initiative.
- Strong organizational and planning skills with flexibility to adapt to new challenges.
- Excellent communication and teamwork skills.
- Strong desire to disseminate research findings to scientific and public audiences.

- Rigorous work ethic with professionalism and attention to detail.

**Position:**

- Full-time
- In-person work (not remote).
- Salary and benefits as per McGill University policies.
- Start date: Immediate.

**Workplace:** Lady Davis Institute for Medical Research, Cancer Axis  
[Lady Davis Institute - Cancer](#)

**Principal Investigator:**

Dr. Melica Brodeur, M.Sc., M.D.

Assistant Professor, Department of Obstetrics and Gynecology

Department of Oncology, McGill University

Jewish General Hospital (JGH) and Lady Davis Institute for Medical Research (LDI)

**To Apply:**

Interested candidates should send their curriculum vitae, transcript and a cover letter explaining your research interests, career goals, and how you meet the qualifications for this position to: [melica.brodeur@mcgill.ca](mailto:melica.brodeur@mcgill.ca).

We thank all applicants for their interest. Only those selected for an interview will be contacted.

The Lady Davis Institute (LDI) is committed to fostering an inclusive and diverse community. We encourage applications from all qualified candidates, regardless of their background, who have the skills and knowledge to engage with diverse communities. Accommodations will be provided to applicants with disabilities upon request.

Priority will be given to Canadian citizens and permanent residents in accordance with Canadian immigration regulations.