

Postdoctoral Fellow

Translational research on gynecological cancers

Job Description:

The Postdoctoral Research Fellow will play a key role in the design, implementation, analysis, and dissemination of projects and their results aimed at improving precision oncology in the field of gynecological cancers. He/she will actively contribute to projects involving *wet* lab (preclinical studies/models, cell culture, animal studies) and *dry* lab (cancer genomics and pathology) studies. Through these contributions, the Postdoctoral Fellow will gain experience in conducting biomedical studies as well as participatory research with collaborators.

Duties and Responsibilities:

- Work directly with the lab head(s) to design, develop and execute bench experiments
- Lead individual and collaborative projects
- Analyze and synthesize experimental results autonomously (tables, figures, etc.) to derive scientific conclusions
- Mentor trainees in the team

Qualifications:

Experience

- PhD with a background in biomedical/epigenetic/immunology sciences, or a related field
- Essential *wet* lab skills such as cell culture, DNA/RNA/protein isolation, Western blotting, immunostaining, etc.
- Extensive experience with *in vitro* assays is required, additional familiarity with animal models is an advantage
- Familiarity with next generation sequencing approaches
- Familiarity with genome editing techniques
- Experience analyzing basic biostatistical data using basic software (e.g., GraphPrism, SnapGene)
- Mastery of writing scientific reports/articles/presentations
- Able to communicate scientifically in English (spoken and written)

Profile and Skills

- Autonomous with good sense of initiative
- Excellent organization and planning skills and ability to adapt quickly
- Excellent teamwork and communication skills
- Excellent knowledge dissemination skills
- Rigorous work ethic and professional

Position:

- Full-time position, 35 hours per week
- Contract: 1 year (renewable)
- In-person work (not remote)
- Salary and benefits according to McGill University/LDI policies
- Schedule: Daytime, Monday to Friday (9:00am to 5:00pm, to be discussed and confirmed)
- Probation period: 90 working days
- Start date: Immediate

Workplace:

Lady Davis Institute for Medical Research, Cancer Axis
<https://www.ladydavis.ca/en/about/about-us/research-programs/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 and a cover letter explaining your career goals and how you meet the requirements for this position to: amber.yasmeen@affiliate.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 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.

The LDI encourages all persons, regardless of their characteristics, to apply. In accordance with Canadian immigration requirements, please note that priority will be given to Canadian citizens and permanent residents.