

## Graduate Student (MSc/PhD) *Cancer Axis*

Under the supervision of Dr. Saima Hassan, the MSc/PhD student will work in her translational research laboratory in breast cancer. Dr. Hassan's research projects aim to better understand the efficacy of PARP inhibitors, either as single agents or in combination, in breast cancer cell lines, in mice models, or in tissue models derived from breast cancer patients. The overarching objective is to identify strategic PARPi combinations and which patient population will respond the best to PARP inhibition using a gene signature.

### **Expectations:**

- Candidates should have some knowledge of molecular biology techniques, including cell culture, maintenance of cell lines, immunohistochemistry, and working with mice (measurement of tumors, drug administrations).
- Candidates should be either Canadian citizens, permanent residents or visa-holders, permitting them to work in Quebec.
- Very motivated with a particular interest in cancer
- Good knowledge of French and English
- Will take initiative to apply for bursaries and prepare abstracts for conferences.
- Will be involved in the writing of manuscripts.

### **Profile required:**

- Collaborative and respectful of lab members, dynamic, efficient, honest and professional
- Flexible, concerned about getting the job well done, attention to detail, very organized, with experiments well planned out.
- Motivated to read literature to better understand and optimize results
- Capacity to analyze and compile data, independent, strong capacity to write, and a solid team-player.
- Ideal candidates will be competitive for FRQS/CIHR bursary applications

### **Status:**

- Full-time student
- Location: Centre de recherche du CHUM (CRCHUM)
- Must be registered at a graduate program at l'Université de Montréal in which a memoir or thesis will be submitted at end.
- Salary and conditions according to CRCHUM policy

### **To submit your application:**

Interested and eligible candidates must submit their curriculum vitae, letter of interest, and transcripts by email to [saima.hassan@umontreal.ca](mailto:saima.hassan@umontreal.ca)