



University
of Windsor



Postdoctoral research position available

Supervisor: Dr. Lisa Porter (University of Windsor)

This position will be in partnership with ITOS Oncology, a local molecular diagnostic company, with the potential to be a part of a MITACS program.

The Porter Lab focuses on examining unique aspects of cell cycle control in breast and brain cancer models. Researchers in the Porter lab use primary and established cell systems and both mouse and zebrafish models to address several basic science questions. We then work with our clinical partners to determine the role of these basic science mechanisms in cancer initiation, progression and response to therapy. The applicant will join a highly collaborative team to analyze newly generated multi-omics data, including sc-RNA seq, generated from our breast and brain cancer research programs.

The Porter lab is a supportive group with 4 full-time research associates/lab managers and a team of students. The University of Windsor houses an animal care facility with a level 2 barrier, a state-of-the-art flow cytometry core and stem cell facilities that will be available for this student. This project is supported by the WE-Spark Health Institute which facilitates interactions between clinical and discovery researchers (www.wesparkhealth.com). Clinical research in Windsor is expanding rapidly.

Applicants must hold, or expect to receive, a PhD in bioinformatics, quantitative science, computational biology, genetics, molecular biology, pharmacology, or related field upon the job start date. The successful candidate should have experience in analyzing high-throughput genomic data and proven skills in at least one programming language (e.g., Perl, R, Java, or C/C++). Good understanding of genetics or molecular biology is a plus.

Send CV with a statement of research interests and names of 3 referees to fifield@uwindsor.ca.

Application deadline: December 23 2020.

Successful applicants will be contacted early January 2021 for an interview.