

Post-Doctoral Fellow

The Ryerson University Analytical Biochemistry Lab (RABL) seeks highly motivated candidates for a **Post-Doctoral Fellow** position, to work on research in the areas of cell biology and liquid chromatography tandem mass spectrometry. The successful candidate will have the opportunity to work on blood ligand interactions with cellular receptors at the level of affinity mass spectrometry and enzyme linked mass spectrometry along with confocal microscopy applying the powerful novel technology to a variety of diseases including SARS-CoV-2.

Projects will require the use of ligand and affinity chromatography together with LC-ESI-MS/MS, SQL SERVER/R, and laser confocal microscopy. Candidates with the following skills are encouraged to apply: fixing ligands, antibody, protein, DNA/RNA to supports for affinity interaction, and knowledge of PCR.

The position is for a period of one year, with the potential for extension considered on a yearly basis thereafter. Benefits will be offered alongside the one-year contract.

You will:

- Document results of the studies in comprehensive reports and presents them at meetings and conferences.
- Work closely with personnel from the industrial partner, YYZ Pharmatech Inc. to accomplish project goals.

Qualifications and Essential Job Functions:

- Ph.D. in molecular or cell biology with knowledge of analytical biochemistry
- Possess strong team skills in a collaborative and transparent working environment
- Basic knowledge SQL and R
- Respect, understand, and value individual differences that embody the principles of diversity.
- Abide by all environment, safety, and health regulations.

Application Instructions:

- Curriculum Vitae
- Research Statement
- Publication List
- Three Reference Letters

For general information about this position, please contact Dr. John G. Marshall at 4marshall@ryerson.ca with “RABL Postdoctoral Fellow Application” in the subject heading.

For more information please see our website: <https://www.ryerson.ca/marshall-team/>