



McGill

Faculty of Science Faculté des sciences

Post-Doctoral Fellowship in Organic Chemistry

Our research aims to exploit the molecular recognition elements affecting chemical and biological catalytic transformations. Currently, we focusing mainly on Phosphorus-Containing Molecules that can be used as: (I) Leads in Medicinal Chemistry or (II) Ligands in Metal-Mediated and Organocatalytic Asymmetric Synthesis. There are obvious benefits to combining studies in novel synthetic methodologies with studies in medicinal chemistry. Asymmetric catalytic reactions, that can supported the multi-kilo synthesis of pharmaceuticals, are of particular interest to our research.

We are currently seeking a talented Post-Doctoral Fellow to join our research group at the Department of Chemistry of McGill University. As a member of the Tsantrizos group, the Post-Doctoral Fellow will actively contribute to the discovery and development of new synthetic methodologies for *P*-chiral ligands and their use in asymmetric catalysis.

Desired Scientific and Personal Qualities and skills:

- Strong background in modern synthetic organic chemistry.
- An innovative and long term view about research in synthetic organic chemistry and/or medicinal chemistry
- Adaptability, analytical thinking, good communication skill, high scientific integrity, excellent work ethics, persistence, and great enthusiasm for the pursue of scientific innovation!

Please apply to:

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