



The Metabolomics Innovation Centre (TMIC)

The Metabolomics Innovation Centre (TMIC) is Canada's national platform for metabolomics research, bioinformatics resources, training, and services. Our mission is to catalyze innovation and translate metabolomics from the laboratory to real-world use by creating novel technologies, providing cutting-edge services, sharing data resources and equipping the next generation of scientists and users.

Metabolomics is the study of the complete set of small molecule metabolites found within a biological sample and provides a comprehensive snapshot of the metabolic processes occurring at any given moment. The comprehensive information that metabolomics provides offers important insights to major challenges in the life sciences, health, agrifood and environmental sectors.

With 8 partner laboratories across the country, TMIC's network of investigators, collaborators and clients have access to over \$26 million in research and bioinformatics infrastructure. TMIC is a single-source destination for metabolomics expertise, services, and technologies for characterizing thousand of metabolites and lipids in the most complex biological samples. TMIC's Research Hotel provides trainees with the opportunity to develop unique skill sets using multiple technologies.

Business Objectives

- Seek collaborative partnerships to advance metabolomics research
- Develop partnerships aimed at translating our technologies through licensing and collaboration
- Explore opportunities to work with the pharmaceutical and life sciences sectors to address pressing research and development challenges
- Connect with investors interested in funding translational research or funding early stage companies

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