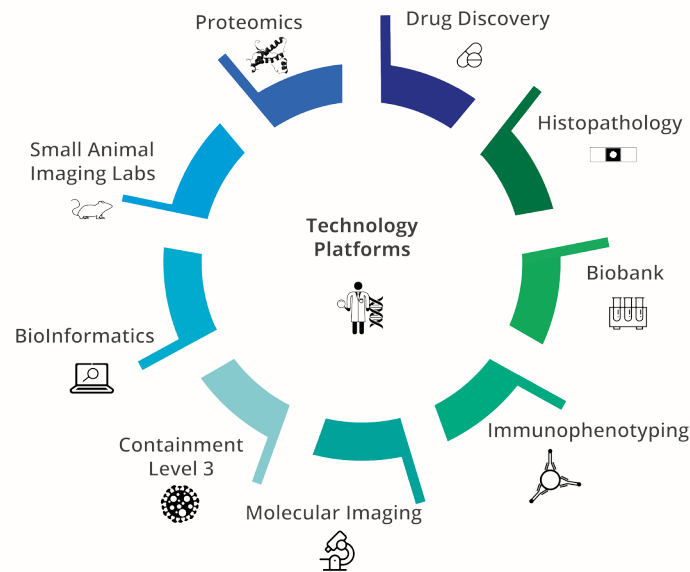


We are helping to improve human health by serving research clients in academia and industry, from Quebec and around the world.

Who we are:



What our clients are saying:

- « Staff is professional and supportive, they go the extra mile »
- « Equipment is extraordinary with outstanding services »
- « Amazingly quick processing of samples and analysis of results »



Technology Platforms are located in the:
Centre for Translational Biology,
Block E of the MUHC (Glen site)

Access to the Glen Site

1001 Décarie Blvd.- Block E
Montreal, H4A 3J1



Station: Vendôme

Interested in using our Platforms ?

For general inquiries, contact:

Patrice Vaillancourt - Manager,
operations and platforms (CTB)
patrice.vaillancourt@mail.mcgill.ca

Lise Sirois - Administrative technician,
operations and platforms (CTB)
514-934-1934 ext. 76405



[HTTP://RIMUHC.CA/TECHNOLOGY-PLATFORMS](http://rimuhc.ca/technology-platforms)

Accelerate Your Research !

At the **Research Institute of the McGill University Health Centre** our **Technology Platforms** provide:

- access to state-of-the-art technologies and instrumentation,
- top-level scientific expertise and training.



**We help researchers
understand, treat and cure diseases**

RI-MUHC Technology Platforms

Drug Discovery

Advancing new medications with nuclear magnetic resonance (NMR) spectroscopy for both liquid and solid samples, **MALDI mass imaging**, and **mass spectrometry**.



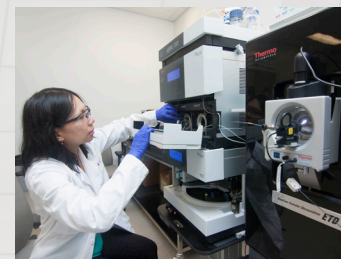
Biobank



Fostering ethical studies of human tissues with expert **regulatory support**, **sample collection** and **secure storage**, featuring a robotic freezer system capable of handling 500,000 samples for diverse pathologies.

Proteomics

Finding new protein interactions and measuring peptides, lipids and metabolites within tissues, using **mass spectrometry** and **related analytical approaches** in biochemistry.



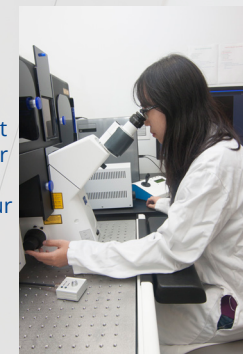
Bioinformatics



Expert services and consultation in **genomics** using next-gen DNA sequencing, with added support for **molecular diagnosis**, **functional genomics**, and **high-performance computing**.

Molecular Imaging

Superb technologies for microscopy that provide **enhanced resolution** of cellular sub-structures and biomolecules, and **real-time movies** of events as they occur within living tissues and organisms.



Immunophenotyping

Accurate and swift purification of specific cell types, with added fluorescence **imaging of individual sorted cells**, and **isolation of micro-particles** from within cells.



Containment Level 3



Highly-controlled biosafety laboratories where live pathogenic bacteria and viruses are studied in **three independent research pods** for research on tuberculosis, influenza and acquired immune deficiency syndrome (AIDS).

Small Animal Imaging Labs

Non-invasive imaging of animal models to create holistic pictures of diseases, using magnetic resonance (MR), **computed tomography (CT)** and other modalities (PET, SPECT, optical).



Histopathology

Processing soft and hard tissues to visualize and measure biological structures and molecular components, with automated **protocol optimization**, **laser microdissection**, and custom stains.

