



The platform of the Biodiversity Centre laboratories

The Biodiversity Centre's laboratories are equipped with cutting-edge technology to assist researchers in the culture and rapid identification of microbial species, as well as high-throughput analysis of biological and environmental samples. These laboratories represent a unique opportunity for biologists seeking a space in which to conduct their experiments. For more details, please contact jocelyne.ayotte@umontreal.ca.

[Soil reception centre](#)

This laboratory is set up for preparing soil samples. It is equipped with sieves, scales and gravity convection ovens.

[Isolation lab](#)

This laboratory is used for isolation and maintenance of fungi and bacterial cultures. Equipment available includes laminar flow hoods, biological safety cabinets, an automatic petri dish filler, incubators and shakers.

[Extraction lab](#)

Designed for DNA and RNA extractions, this space offers a liquid-handling robot, as well as equipment for quantification of nucleic acids and grinding samples.

[Pre-PCR lab](#)

This laboratory is used for the preparation of reactions for amplification of nucleic acids. Several thermocyclers for PCR, qPCR and gradient-PCR are available. Preparation of 96- and 384-well plates can be automated with one of our liquid-handling robots.



Electrophoresis room

This space includes all equipment necessary for agarose and acrylamide gel migration, and a gel imaging system.

Post-PCR lab

This laboratory is dedicated to nucleic acid analysis. Available equipment includes a plate reader, a Li-Cor DNA analysis system and a Covaris focused-ultrasonicator. Some protocols can be automated with one of our liquid-handling robots.

Fees

	Department	Academic	Non academic
Bench fees	50\$/month	85\$/month	150\$/month

Fees are calculated for each user, per month. Fees don't include training, products or consumables.

Contact

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