

Technology Access Centre in Bio-Innovation (CAT-B)

La Cité

 [Ottawa, ON](#)

CENTRE D'ACCÈS À LA
TECHNOLOGIE EN BIO-INNOVATION



ABOUT CAT-B

La Cité's Centre d'accès à la technologie en bio-innovation (CAT-B) contributes to the biotechnology sector by accelerating business innovation through support for process or product development and improvement. Our business model is based on a partnership with industry for applied research, co-financed by public and private funds, in which intellectual property is fully transferred to companies.

Our partners have access to qualified scientific personnel and state-of-the-art equipment. Our team has extensive expertise in microbiology, cell biology, plant biology, molecular biology and genetics. We are fortunate to be able to count on experts in the biology of cannabis, in the development of disease diagnosis tools, in precision fermentation and in cellular agriculture (cultivated meat).



Work on a DASbox® Mini bioreactor system



Contact CAT-B

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 **Services offered in:** French and English

 **Request Interactive Visit:** <http://interactivevisits.ca>



RESEARCH AND INNOVATION EXPERTISE

EXPERTISE

1. Development, optimization and validation of bioprocesses for cellular agriculture (cultured meat and precision fermentation).
2. Chemical and biochemical analysis
3. Genetic engineering applied to industrial and plant biotechnologies, including CRISPR-Cas9
4. Recombinant protein engineering and production
5. High-throughput screening platform for optimization of cell culture and fermentation media
6. Use of tissue culture (in vitro) as a tool to improve plant production and accelerate varietal selection

