

**Fonds des leaders / Leaders Opportunity Fund
Fiche d'information / Backgrounder**

Québec / Quebec

Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 8 078 478 \$ en vue d'appuyer 41 projets d'infrastructure. / The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$8,078,478 to support 41 infrastructure projects.

Titre du projet / Project Title	Contribution maximale de la FCI / Maximum CFI Contribution
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Concordia University

Infrastructure for Advanced Coating Technologies	340 058 \$
Infrastructure for the Study of Protein Secretion in Both Yeast and Mammalian Cells in Health and Disease	154 795 \$
Laser System for High-Resolution Optical Spectroscopy of Natural Photosynthetic Complexes and Their Artificial Mimics	131 694 \$
NMR Facility for the Characterization of Novel Compounds	265 073 \$
4 projets / projects	891 620 \$

École Polytechnique de Montréal

High Spatial Resolution Periaxial Microscope for Nanostructure Spectroscopy	149 634 \$
Wireless Systems Prototyping and Measurements (WISPRO) Laboratory	237 738 \$
2 projets / projects	387 372 \$

McGill University

An Integrative Approach on Small RNA-Mediated Silencing in Canada	181 932 \$
Establishment of a Multidisciplinary Unit to Investigate the Role of Synaptic Plasticity in the Production of Abnormal Synaptic Transmission in Mental Illness	180 000 \$
Exploring the Structure of Complex Molecular Machines Using Electron Cryomicroscopy and Cryo-Electron Tomography	294 461 \$

... / **McGill University**

Green Synthesis and Catalysis - Water as a Superior Reaction Solvent	351 574 \$
In Situ Tribology and Microtribology of Advanced Aerospace Coatings and MEMS Materials	197 866 \$
Infrastructure for the Establishment of a Laboratory Aimed at Determining the Impact of the Environment on Male Reproductive Health	158 069 \$
Integrated Technology Platform for the Study of Animal Models of Alzheimer's Disease	189 820 \$
International Data Infrastructure Enabling Natural Experiments on Transformations In Private Health Insurance (IDENTIPHI)	179 450 \$
Laboratory Facilities for Functional Genomics of Plant Intracellular Membrane Trafficking	167 304 \$
Laboratory for Establishing Performance Specifications for Concrete Infrastructure	94 629 \$
Mycobacterium Tuberculosis Strain Variation and the Host-Response to TB	184 000 \$
Pain, Mind, and Movement: Virtual Research and Rehabilitation Laboratory Network	300 000 \$
Structural Biology of Inositol Signaling	193 080 \$
Structure-Property Relationship of Polymeric Scaffolds for Tissue Engineering	191 995 \$
The Post-classical Islamic Philosophy Database Initiative	610 500 \$
Understanding Resilience Across the Landscape: Mapping, Modeling, and Managing Ecosystem Services	75 150 \$
16 projets / projects	3 549 830 \$

Université de Montréal

Apports technologiques récents de l'IRM à l'étude de la plasticité cérébrale du cerveau adulte et vieillissant	380 276 \$
Cardiovascular Genetics Platform	53 203 \$
Establishment of a Laboratory for Development of Surface Plasmon Resonance Sensors and Integration to Atomic Force Microscopy for Localized Detection of Biomolecules and Medical Diagnostic	165 055 \$

... / Université de Montréal

Infrastructure to Support a Research Program on the Early Determinants of Adult Chronic Disease	101 421 \$
Molecular Control of Cell Fate Decision, Lineage Determination, and Malignant Transformation During Hematopoietic and Immune Cell Development	212 884 \$
Regulation of Moesin Activation in Drosophila	154 476 \$
Understanding the Molecular Bases of T Cell Immunity and Tolerance	115 290 \$
7 projets / projects	1 182 605 \$

Université de Sherbrooke

Establishment of an Environmental Microbiology Laboratory / Établissement d'un laboratoire de microbiologie environnementale	100 036 \$
Infrastructures de caractérisation intégrée du métabolisme cellulaire de suspensions végétales pour l'optimisation de la production de molécules thérapeutiques	101 886 \$
2 projets / projects	201 922 \$

Université du Québec - École de technologie supérieure

Infrastructure for Research and Development in Biomedical Robotics	122 196 \$
1 projet / project	122 196 \$

Université du Québec - Institut national de la rech. scientifique

Design & Development of High Performance Fuel Cell Materials	260 096 \$
Establishment of a Functional Genomics Laboratory for the Study of Microbial Physiology	219 902 \$
2 projets / projects	479 998 \$

Université du Québec à Montréal

Laboratoire d'innovation des matériaux organiques (LIMO)	165 362 \$
Laboratoire mobile pour l'étude des cheminements d'apprentissage en sciences (LabMECAS)	211 964 \$
Optimization and Simulation Laboratory for Transportation and Logistics	117 919 \$
Relating Biodiversity and Insect-Mediated Interactions Using Advanced Field-Based Sensors, High-Resolution Microscopy, and Controlled Experiments	228 805 \$
4 projets / projects	724 050 \$

Université du Québec en Abitibi-Témiscamingue

Laboratoire de biomatériaux	321 000 \$
1 projet / project	321 000 \$

Université Laval

Integrated Gas-Exchange Measurement System to Determine the Short-Term Responses of Whole Plants to Changing Environmental Conditions	91 765 \$
Établissement d'un laboratoire de pointe spécialisé dans l'étude de la régulation génique via les courts ARNs non-codants	126 120 \$
2 projets / projects	217 885 \$