

Fonds des leaders John-R.-Evans / John R. Evans Leaders Fund
Fiche d'information / Backgrounder

Québec / Quebec

Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 9 134 901 \$ en vue d'appuyer 58 projets d'infrastructure dans la province. / The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$9,134,901 to support 58 infrastructure projects in the province.

Project Title / Titre du projet	Maximum CFI Contribution / Contribution maximale de la FCI
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École Polytechnique de Montréal

Laboratory of Organic Bioelectronics	200 000 \$
1 projet / project	200 000 \$

McGill University

Tools for Mapping and Manipulating Motivational Neural Circuits	150 000 \$
Active Biological Mechanics	280 000 \$
Neural Circuits Underlying Sensorimotor Behaviors	140 000 \$
A Study of Music Mixing Techniques Performed in a Hybrid Environment	86 752 \$
Le geste expert et son contrôle dans la percussion contemporaine	80 000 \$
Infrastructure for Analysis of Extracellular Matrix Assembly and Mineralization	100 000 \$
Structural and Molecular Dynamics of Conformational Diseases	334 914 \$
Assembly and Function of Protein Modules in Regulated Intramembrane Proteolysis	89 865 \$
Single Cell Genomics Infrastructure	400 000 \$
System to Study the Mechanics of Single Molecules with High Spatial and Temporal Resolution	279 038 \$
Laboratory for Studying Host-Virus Interactions in Hepatitis C Virus Infections	80 000 \$
Protein Structure at Near-Atomic Resolution Using a Direct Detection Device	291 600 \$
Language Modelling Laboratory	78 817 \$
Digital Musical Instrument Performance Research and Rapid Prototyping Laboratory (PR2P)	366 158 \$
14 projets / projects	2 757 144 \$

Université Laval

Acquisition of a Pre-Clinical Positron Emission Tomography (PET) Camera and a Radiosynthesis Unit	167 714 \$
Advanced Biomedical Microsystems Integration Platform	157 491 \$
Analyse des mécanismes moléculaires régulés par l'oxygène dans les cellules de l'oeil	127 871 \$
Probing the Development and Plasticity of the Brain: From Synapses to Circuit Formation	329 974 \$
Leading Edge Environmental Analyses to Maintain and Restore Productive Ecosystems	104 000 \$
5 projets / projects	887 050 \$

Université de Montréal

Multimodal Assessment of Spinal and Supraspinal Interactions Ensuring Balance Control in Humans	100 397 \$
Human Adoptive Immunotherapy, from Discovery to Development and Clinical Implementation	209 101 \$
Improving Continence Care for Older Canadian Women: Supporting Future Innovation in the State-of-the-Art Laboratory	97 864 \$
Understanding the Causes of Aneuploidy in Oocytes and Embryos	120 000 \$
Biochemical Mechanisms of Epigenetic Inheritance	149 170 \$
Family Demography in Historical Quebec: A Biosocial Perspective	112 350 \$
Combining Intra-Vital and Fluorescence Lifetime Imaging Microscopy to Study the Effects of the Tumor Environment on TILs	80 000 \$
Physical Simulation of Brain Microvasculature for Study of fMRI Contrast Mechanisms	116 370 \$
Platform of Formulation Based on Multifunctional Lipids	143 953 \$
Deep Phenotyping of Platelets for Precision Medicine in Cardiovascular Disease	120 640 \$
PREMMIUM: Integrated Research Platform on Mental Health and Sexually Transmitted Infections	393 127 \$
CYP450 Expression and Activity Quantification Platform	115 000 \$
Impact of Preterm Birth on Adult Health and Diseases: Mechanisms and Translational Studies from Cells to Humans	345 000 \$
Discovery of Immunodominant Minor Histocompatibility Antigens	120 000 \$
Establishment of an Advanced Laboratory Specialized in the Study of T-Cell Development and Modulation	81 001 \$
Neuronal Adhesion Mechanisms that Control GABAergic Synapse Development	151 681 \$
16 projets / projects	2 455 654 \$

Université de Sherbrooke

Platform for Molecular and Chemical Studies of Interactions Between Plant Roots and Beneficial Bacteria	120 000 \$
Optical Characterization Test Bench for Single Photon Detection Instrumentation	113 690 \$
New Approach for Cooperative Human-Robot Tasks and Cooperative Multi-Robots Tasks	32 271 \$
Combining Transcranial Magnetic Stimulation with Brain Imaging for Studying Brain Circuits	105 863 \$
4 projets / projects	371 824 \$

Université du Québec - Institut national de la recherche scientifique

Laboratory of Bio-Hybrid Materials (LBM)	221 786 \$
Laboratory of Nanostructure-Assisted Spectroscopy and Nonlinear Optics (NASNO Lab)	242 280 \$
2 projets / projects	464 066 \$

Université du Québec à Montréal

Laboratoire d'analyse cristalline des matériaux fonctionnels	110 000 \$
TEAM-lab (laboratoire « technologies et apprentissages mobiles »)	120 000 \$
Laboratoire de biochimie analytique et environnementale des contaminants	107 296 \$
Modélisation et observation de l'atmosphère	160 000 \$
Infrastructure to Support Research on Biodiversity and Litter Decomposition in Canadian Forests	120 000 \$
Enhancing GEOTOP's Capability for Environmental Isotope Studies	63 601 \$
Infrastructure de recherche sur la recharge de l'eau souterraine (IRRES)	215 492 \$
Acquisition of a High-Performance Cell Sorter for Innovative Studies in Biomedical Research	100 000 \$
An Analytical Platform to Support a Canadian Lake Observatory Network	100 001 \$
Infrastructure to Study the Effects of Gastrointestinal Peptides on Excessive Lipid Deposition in Organs and Tissues	100 000 \$
Analysis of Emerging Halogenated Organic Contaminants in Wildlife	77 528 \$
Improving the Quality of Water Resources Contaminated by Diffuse Pollution: An Innovative Chemical-Isotope Laboratory	215 492 \$
12 projets / projects	1 489 410 \$

Université du Québec à Trois-Rivières

Optimisation de la plasticité cérébrale par stimulation non-invasive du cerveau chez les traumatisés crâniens légers	48 574 \$
Subcellular Analysis of Stress Response Using Confocal Laser Scanning Microscopy	139 050 \$
2 projets / projects	187 624 \$

Université du Québec en Outaouais

Laboratoire de recherche épidémiologique sur la maltraitance (LAREM)	138 528 \$
Monitoring and Adapting Forests under Global Change	183 601 \$
2 projets / projects	322 129 \$