

**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 11 665 363 \$ en vue d'appuyer 59 projets d'infrastructure dans la province. / The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$11,665,363 to support 59 infrastructure projects in the province.

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

High-throughput Instrumentation for Synthetic Biology	100 000 \$
1 projet / project	100 000 \$

McGill University

Pulse Additive Manufacturing of Advanced Materials	309 500 \$
McGill Ecotoxicology Laboratory	123 197 \$
Stem Cell Bioprocessing Laboratory	128 500 \$
Identifying Brain Connectivity Signatures in Living Mouse Models of Psychiatric Disorders	163 300 \$
Laboratory for Gynecologic Cancer Research	218 640 \$
Integrating Gene Networks & Brain Circuits to Understand Affective Behavior	200 000 \$
Glioblastoma Pathogenesis: Molecular Targets and Therapies	68 000 \$
High-Performance Computing Equipment for Fundamental Studies of Energy Conversion in Nanomaterials	160 000 \$
Mapping the Energy Landscape of Biomolecular Function by NMR	796 551 \$
Transmission Electron Microscope for Materials Characterization	799 825 \$
Translation Control: Bridging the Molecular and Cellular Gap Through Optics	548 026 \$
Vector Magnet, Dilution Refrigerator and AFM for Advanced 2D Materials Engineering	588 900 \$
New Non-Invasive Brain Stimulation Methods: From Magnetic Fields to Sound Waves	368 000 \$
Reprogramming Regulatory Networks in Cereal Crops to Improve Stress Tolerance: From Interaction to Phenotype	137 600 \$
14 projets / projects	4 610 039 \$

Université de Montréal

E-tools for Optimal Drug Prescribing and Use	121 064 \$
Processing of Large MRI Datasets in Alzheimer's Disease: Towards an Individualized Connectome Approach	93 432 \$
Memory and Autism Examined Through Recent Technological Advances in MRI at 3 Tesla	629 154 \$
Technologie MALDI-TOF pour l'étude de la dynamique des infections de la glande mammaire	186 911 \$
Spatiotemporal Dynamics of Black Spruce Regeneration in Eastern Boreal Forest	123 466 \$
Social Diversity during the Classic Maya Political Collapse Archaeological Field and Laboratory Infrastructure	60 641 \$
EMC2: Energy Metabolism Characterization Core	160 044 \$
Research Instruments for the Study of Electrically Active Nanostructures and Interfaces	398 606 \$
Computational and Quantitative Ecology Laboratory	63 379 \$
Improving Animal Health and Disease Management Through High-input Research	303 766 \$
Integrating Biophysics and Population Genetics to Predict Drug Resistance and Develop Novel Tools in Molecular Evolution	157 401 \$
Contaminants environnementaux, exposition et biomarqueurs	272 000 \$
Nanoelectronic Devices for Single-molecule Biophysics and Biosensors	400 000 \$
A Retinal Imaging Platform for the Discovery of Ocular Biomarkers for Age-related Neurodegenerative Diseases	100 000 \$
Integrative Physiological Adaptations to Heat Exposure in Humans	111 504 \$
Research Infrastructure to Enable New Scientific Advances on Wearable Robotic Exoskeleton Systems for Overground Walking	154 503 \$
Laboratory of Plant Functional Ecology	129 767 \$
The Fear Transmission Laboratory: Psychophysiological and Neural Correlates of Observational Fear Learning	109 787 \$
Development and Clinical Transfer of Imaging Biomarkers for Diffuse and Focal Liver Disease	300 000 \$
19 projets / projects	3 875 425 \$

Université de Sherbrooke

On-road and Laboratory Platforms for Research on Advanced Electric and Hybrid Vehicles	103 228 \$
A Translational Approach to Study the Neural and Biomechanical Mechanisms of Interlimb Coordination During Locomotion	149 141 \$
Infrastructure intégrée pour la caractérisation des propriétés géotechniques dynamiques et non saturées	155 370 \$

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Alternative Engine Research Laboratory	93 015 \$
Sensing and Computing with Mechanical Devices	79 653 \$
5 projets / projects	580 407 \$

Université du Québec - Institut national de la recherche scientifique

Establishment of an NMR Infrastructure for Protein Allosteric Characterization and Drug Design	162 044 \$
1 projet / project	162 044 \$

Université du Québec à Montréal

Laboratoire expérimental écoresponsable	80 800 \$
Laboratory for high Precision Analyses of Short-lived Isotopic Systems (LASIS)	131 441 \$
2 projets / project	212 241 \$

Université Laval

An Infrastructure for the Development of Novel Optic-based Dose Sensors and Dose-based Treatment Guidance	175 559 \$
Chemical Characterization of Soils and Organic Materials to Manage and Restore Productive Forest Ecosystems	76 364 \$
Explorer et vivre l'esprit du lieu par la réalité virtuelle: médiations numériques du patrimoine	79 711 \$
Three-Dimensional Analyses of Mitral Regurgitation Mechanisms	117 367 \$
Laboratoire Forêt Numérique	63 102 \$
Functional Polymers and Libraries of Nanoparticles for Drug Delivery	119 485 \$
Plateforme analytique pour l'étude des modifications structurales et des interactions protéiques alimentaires	66 176 \$
Basic and Therapeutic Applications of Genome Editing Technologies	119 847 \$
Plateforme de caractérisation et de production à grande échelle de nouvelles molécules antimicrobiennes naturelles	49 291 \$
Establishment of a Medicinal Chemistry Laboratory for the Development of New Anticancer Drugs	108 519 \$
Plateforme de recherche sur le métabolisme des composés volatils des plantes	121 640 \$
Innovative Photonic Materials for the Infrared	400 000 \$
Création d'un laboratoire d'optobiologie et de thérapie génique pour la recherche sur la maladie de Parkinson	119 300 \$
Endocrino-inflammatory Talks Between Organs in Pulmonary Arterial Hypertension	118 514 \$
Infrastructure for Synaptome Research Platform	114 447 \$

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Long Term Influences of Biomechanical Movement Compensations on Joint Integrity	118 708 \$
Laboratoire de Psychophysiométrie Avancée de la Cognition et de l'Émotion (PACE)	157 177 \$
17 projets / projects	2 125 207 \$

À NOTER :

Cette annonce comprend l'attribution d'une somme additionnelle de 3 499 609 dollars du Fonds d'exploitation des infrastructures. Les établissements utilisent ces montants pour assumer une partie des coûts d'exploitation et de maintenance de la nouvelle infrastructure.

NOTE:

As part of this announcement, an additional \$3,499,609 was awarded under the Infrastructure Operating Fund (IOF), a mechanism that assists institutions with the incremental operating and maintenance costs associated with the new infrastructure.