

**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 9 304 894 \$ en vue d'appuyer 54 projets d'infrastructure dans la province. / The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$9,304,894 to support 54 infrastructure projects in the province.

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

**Concordia University**

Kinawind Lab	\$150,000
<b>1 projet / project</b>	<b>\$150,000</b>

**École Polytechnique de Montréal**

Laboratoire de caractérisation des roches stériles	125 000 \$
* Text Mining Infrastructure for the Partnership for the Organization of Innovation and New Technologies (4POINT0)	250 000 \$
<b>2 projets / projects</b>	<b>375 000 \$</b>

*\* Funding for Research Infrastructure Associated with SSHRC Research Support  
 Financement de l'infrastructure liée au soutien à la recherche du CRSH*

**McGill University**

Design and Manufacturing of Lightweight Multifunctional Multiphysics Metamaterials	127 000 \$
Printed and Flexible Electronics Research Lab	67 677 \$
Assembly and Function of Membraneless Organelles	140 000 \$
Imaging and Control of Cardiac Excitation	207 500 \$
Emergence of Collective Cell Migration and Morphogenesis from Coordinated Single Cell Signal Transduction	246 000 \$
Direct Electron Detector for Structural Analysis of Macromolecular Assemblies and Whole Cells	740 000 \$
Advanced Traveler General Information System Laboratory for Sustainable Urban Transportation	39 946 \$
Using C. Elegans Models to Understand the Biology of Aging and Pathogenesis of Neurodegenerative Disease	80 000 \$

## ... / McGill University

Multi-function Platform for Dairy Cattle Analysis Combining Motion, Force and Pressure Distribution	161 000 \$
Advanced Spectroscopy and Microscopy System	196 635 \$
A Systems Metabolomics Platform for Investigating Gene-Environment-Microbiome (GEM) Interactions	194 454 \$
<b>11 projets / projects</b>	<b>2 200 212 \$</b>

## Université de Montréal

Design and Manufacturing of Polymeric Microneedles for Biomedical Purposes	120 554 \$
Darknet and Anonymous Research Center	136 471 \$
Novel High-throughput Platform for the Integrated Study of Animal and Zoonotic Parasitic Diseases	154 338 \$
Development of a High-throughput Screening Platform to Identify Novel Regulators of Adipogenesis	100 000 \$
Exercise-Nutrition Interaction to Better Prevent and Treat Obesity	158 047 \$
Computational Design Tools for the Age of Digital Fabrication	203 497 \$
Imaging and Analysis Platform for the Investigation of Normal and Pathological Vision	245 389 \$
Muscle Stem Cell Laboratory (MuSCL) and Musculoskeletal Physiopathology Platform	127 232 \$
Improving Continence Care for Older Canadian Women: Supporting Future Innovations with State-of-the-Art Laboratory	79 961 \$
Dedicated Pre-clinical Prototyping Cleanroom for Ophthalmology	197 966 \$
Deep Single-cell Profiling of Immune Responses and Viral Reservoirs to Develop HIV Prevention and Cure Strategies	320 000 \$
Tackling Pain Assessment in Veterinary Medicine: Welfare and Translational Research Implications	141 351 \$
Autonomous Mobile Robotics	148 892 \$
<b>13 projets / projects</b>	<b>2 133 698 \$</b>

## Université de Sherbrooke

Precision Medicine: A Mass Spectrometer for the Discovery of New Protein Biomarkers	621 605 \$
Système de corrélation d'images numériques pour l'évaluation du comportement des structures à treillis en acier	84 000 \$
<b>2 projets / projects</b>	<b>705 605 \$</b>

**Université du Québec - École de technologie supérieure**

Nanofibres et nanosphères polymériques fonctionnelles obtenues par électrofilage à échelle semi-industrielle	132 759 \$
Contrôle des surfaces à haute température pour la fabrication avancée des pièces métalliques et céramiques	128 660 \$
Turbulent Flow, Spray and Combustion Characterization using Advanced Optical Diagnostics	132 962 \$
Additive Manufacturing and Automation in Civil and Construction Engineering	93 560 \$
<b>4 projets / projectst</b>	<b>487 941 \$</b>

**Université du Québec - Institut national de la recherche scientifique**

Laboratory of Ultrafast Bio-Imaging (LUBI)	209 601 \$
Laboratory of Molecular and Device Physics	209 601 \$
Ecotoxicogenomics Research Centre	221 213 \$
Infrastructure to Study Mechanisms of Synaptic Dysfunction in Motor Neuron Diseases	148 568 \$
<b>4 projets / [projects</b>	<b>788 983 \$</b>

**Université du Québec à Montréal**

Laboratoire de recherche sur les traumatismes interpersonnels et la résilience	65 361 \$
Infrastructure pour l'étude du développement de la parole	70 001 \$
Dynamic Interfacial Processes of Nanomaterials	47 200 \$
<b>3 projets / projects</b>	<b>182 562 \$</b>

**Université Laval**

Dynamique spatio-temporelle des systèmes à la frontière de la taïga et de la toundra	48 709 \$
Laboratoire en ingénierie de la sécurité incendie	100 000 \$
Intelligent Mechatronic Assistive Technology for People Living with Disabilities and for the Elderly	99 352 \$
Study of the Role of the Gut Microbiome-endocannabinoidome Axis in Metabolic Health and its Therapeutic Exploitation	793 968 \$
Laboratory of Inter-cellular Dynamics within the Neurovascular Unit in Cerebrovascular Diseases	119 977 \$
Towards an Expanded Analytical Platform of Food Allergen and Food Authenticity Detection	71 049 \$
Understanding the Electrochemistry of Biomaterials Degradation for Advancing Innovation in Medical Implants	120 000 \$

**.../ Université Laval**

Confocal Microscopy Platform for Longitudinal Imaging of Pathological Changes in ALS Mouse Models	150 000 \$
Platform for the Isolation of Monoclonal Antibodies for Therapeutic and Diagnostic Purpose	226 981 \$
Establishment of an Organoid Culture Laboratory for the Study of Small Intestine Metabolism	85 989 \$
Laboratoire de recherche sur la structuration par laser de composants photoniques	125 000 \$
Establishment of an Infrastructure for Functional Proteomics Studies of Cancer	119 900 \$
Probing Neural Pathways Underlying Emotions Processing in Normal and Pathological States: From Molecules to Behavior	119 992 \$
* Plan dynamique de conservation des sols organiques	99 976 \$
<b>14 projets / projects</b>	<b>2 280 893 \$</b>

*\*Funding for Research Infrastructure Associated with an NSERC Industrial Chair  
 Financement de l'infrastructure liée à une Chaire industrielle du CRSNG*

**À NOTER :**

Cette annonce comprend l'attribution d'une somme additionnelle de 2 791 468 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 \$2,791,468 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.