

**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 6 509 569 \$ en vue d'appuyer 44 projets d'infrastructure. / The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$6,509,569 to support 44 infrastructure projects.

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

An Innovative Approach to the Classic Problems of Turbulence: Lagrangian Analysis of Fundamental Flows	146 000 \$
Biogenesis and Function of Extracellular Matrix Assemblies in Health and Disease	198 092 \$
Biomarker Discovery Program for Parasitic Diseases	234 477 \$
Canadian Child Welfare Data Lab	169 067 \$
Environmental Engineering Laboratory for Microbial Community Engineering	216 000 \$
Epigenetic Basis of the Effects of Early Life Environment on Health Outcomes	90,646 \$
Experimental Nanomechanics for Advanced Materials Science	96 800 \$
Genetic Architecture of Host Defenses Against Infectious Diseases	239 995 \$
Identification of Novel Anti-cancer Mechanisms Through the Study of Cytotoxic Viral Proteins	139 995 \$
Imaging Spreading Initiation Centres (SICs) in Normal and Cancer Cells	117 538 \$
Infrastructure for Imaging the Biochemical Mechanisms Underlying Memory Formation	139 241 \$
Integrated Translational Neurplasticity Research	159 507 \$
IsPACE (Intellectual Property in a Creative Environment)	54 100 \$
Laboratory of Brain and Behaviour	120 000 \$
Live Cell Real-time Fluorescence Imaging of Intracellular Cholesterol Trafficking	119 494 \$
Molecular Ecological Genetic Analysis (MEGA) Laboratory	136 000 \$

### ... / McGill University

Molecular Mechanisms of Axon Guidance: Role of the Small Rho GTPases in Netrin-1 Signaling	93 696 \$
Role of Spatial Chromatin Organization in Genome Regulation and Human Disease	122 557 \$
The Truth Project: Promoting Children's Truth-telling in Legal and Applied Settings	176 000 \$
The effects of Tumor Necrosis Factor Alpha on Synaptic Transmission, Homeostatic Plasticity, and Neuronal Adaptation	136 741 \$
The Neuroanatomy of Mood and Emotion: Establishment of a Human Brain Neuroanatomy Laboratory to Investigate the Neurobiology of Depression and Suicide	136 182 \$
The Role of the Novel Molecular Pathway (Planar Cell Polarity Pathway) in Kidney Disease in Humans and Mice	80 377 \$
<b>22 projets / projects</b>	<b>3 122 505 \$</b>

### Université Laval

7 Fs Laser System to Study Atomic and Molecular Dynamics	215 000 \$
Drug Transporters Research Laboratory	76 219 \$
HPLC and Image Analysis Station for the Discovery of Drugs to Protect, Prevent and/or Delay Normal and Pathological Aging of the Brain	35 172 \$
Modélisation de la réponse cellulaire dans la cavité buccale	77 091 \$
Using Neuroimaging and Neurostimulation to Understand and Optimize Brain Plasticity in Rehabilitation	239 870 \$
<b>5 projets / projects</b>	<b>643 352 \$</b>

### Université de Montréal

Bayesian Statistical Modelling of Genome and Proteome Evolution	102 897 \$
Dissection of the Gene Function Network in Tolerance to Anticancer Agents: Bleomycins and Polyamine Analogs	225 270 \$
Full Immersive Virtual Environment for the Study of Perception, Balance and Action in Different Human Populations	316 372 \$
Improving Continence Care for Older Women: Creation of a State-of-the-art Pelvic Floor Muscle Laboratory	83 131 \$
Microscopie et électrochimie pour l'innovation en neuropharmacologie moléculaire	283 694 \$
Retinal Functional Imaging: A New Tool for Studying Visual Disorders	118 741 \$
<b>6 projets / projects</b>	<b>1 130 105 \$</b>



### Université de Sherbrooke

Développement d'une plateforme moléculaire en orthopédie pour l'étude du vieillissement du système musculo-squelettique	125 428 \$
Facility for the Synthesis and Characterization of Novel Aryl(poly)pyridines and their Application to Organic Light Emitting Diodes, Solar Cells and Nano-devices	171 681 \$
L'exercice physique et la nutrition pour prolonger l'espérance de vie en bonne santé	148 605 \$
Rôles du récepteur opioïde delta dans le traitement de la douleur chronique, de l'anxiété et de la dépression	136 339 \$
Téléadaptation d'un centre de services vers le domicile de l'utilisateur	53 865 \$
<b>5 projets / projects</b>	<b>635 918 \$</b>

### Université du Québec - École de technologie supérieure

Infrastructure pour un laboratoire de caractérisation diélectrique	73 620 \$
<b>1 projet / project</b>	<b>73 620 \$</b>

### Université du Québec à Montréal

Infrastructure for Plant Abiotic Stress Signaling Research	191 160 \$
Laboratoire d'étude sur la structure des langues signées	210 803 \$
Laboratory for Solid-State NMR Studies of Membrane Systems	187 353 \$
Laboratory of Fish Community Ecology	223 249 \$
<b>4 projets/ projects</b>	<b>812 565 \$</b>

### Université du Québec à Rimouski

Infrastructure pour l'étude des processus biologiques survenant aux interfaces dans les milieux aquatiques nordiques	91 504 \$
<b>1 projet / project</b>	<b>91 504 \$</b>