



Results of the 15/09/2004 Operating Grants Competition

Updated : 10/11/2005

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
WEINFELD, Michael Alberta Cancer Board (Edmonton) Cross Cancer Institute (Edmonton) The role of mammalian polydeoxyribonucleotide kinase: A putative DNA repair enzyme		\$174,424	\$9,875	5 Yr(s)	CPT	
MOSCOVITCH, Morris GRADY, Cheryl L Baycrest Centre for Geriatric Care (Toronto) Behavioural and functional neuroimaging studies of remote spatial memory	ROSENBAUM, Rachel S / WINOCUR, Gordon	\$100,862		5 Yr(s)	BSC	
ALAIN, Claude Baycrest Centre for Geriatric Care (Toronto) Baycrest Hospital (North York) Neural architecture of auditory scene analysis		\$102,649		5 Yr(s)	BSC	

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GRADY, Cheryl L Baycrest Centre for Geriatric Care (Toronto) Baycrest Hospital (North York) FMRI studies of age related differences in the brain networks underlying different forms of memory		\$99,669	\$10,846	5 Yr(s)	BCA	
ROCHON, Paula A ANDERSON, Geoffrey M BIERMAN, Arlene S BRONSKILL, Susan E STUKEL, Therese A Baycrest Centre for Geriatric Care (Toronto) Institute for Clinical Evaluative Sciences- Toronto Exploring the association between the ownership status of Ontario's long-term care facilities and the quality of care	HILLMER, Michael	\$73,802		3 Yr(s)	HSI	
MCINTOSH, Anthony R Baycrest Centre for Geriatric Care (Toronto) Rotman Research Institute (Toronto, Ontario) Linking brain and behaviour through neural context	LOBAUGH, Nancy J	\$142,989	\$9,540	5 Yr(s)	BSC	

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<p>FELDMAN, Maurice A GRIFFITHS, Dorothy M OWEN, Frances A Brock University (Ontario) Human rights and health self-advocacy training for people who have intellectual disabilities: A multi-systemic, interdisciplinary approach</p>	<p>ATKINSON, Leslie R / FEDOROFF, John P / MCQUEEN-FUENTES, Glenys / SALES, Carol A / TARDIF, Christine Y / TARULLI, Donato</p>	<p>\$101,917</p>	<p>\$5,656</p>	<p>3 Yr(s)</p>	<p>KTE</p>	
<p>GUBERMAN, Nancy GRENIER, Amanda M LAVOIE, Jean-Pierre OLAZABAL, Jean-Ignace CSSS René-Cassin et NDG/Montréal-ouest La cohorte des "babyboomers" comme personnes aidantes: De nouveaux défis pour le système de santé?</p>	<p>SILVERMAN, Marjorie L</p>	<p>\$50,000</p>		<p>3 Yr(s)</p>	<p>SDA</p>	
<p>POULTER, Michael O Carleton University (Ottawa) Dysregulated GABA-A, CRH and 5HT receptor mRNA expression in human depression and suicide</p>	<p>ANISMAN, Hymie / DU, Lisheng / MERALI, Zulfiquar / SZYF, Moshe</p>	<p>\$123,862</p>		<p>5 Yr(s)</p>	<p>BSA</p>	

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<p>BERTRAND, Richard Centre Hosp. de l'Université de Montréal (CHUM) Lysosomal involvement in cancer chemotherapy-induced apoptosis: Cross-talk with the sphingosine, mitochondrial and proteolytic caspase cascade pathways</p>		\$114,144	\$12,598	4 Yr(s)	CPT	
<p>BILODEAU, Marc ZWINGMANN, Claudia Centre Hosp. de l'Université de Montréal (CHUM) Status of hepatic cellular energy metabolism in early acute liver injury</p>		\$109,634	\$5,000	3 Yr(s)	EM	
<p>BRUNEAU, Julie DANIEL, Mark Centre Hosp. de l'Université de Montréal (CHUM) HIV and HCV transmission among injection drug users: Understanding the role of contextual and neighbourhood factors.</p>	<p>ABRAHAMOWICZ, Michal M / KESTENS, Yan / POTVIN, Louise</p>	\$240,659		5 Yr(s)	POP	

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GRANDVAUX, Nathalie Centre Hosp. de l'Université de Montréal (CHUM) Functional significance of reactive oxygen species in the proinflammatory response to RSV in airway epithelial cells		\$67,998		3 Yr(s)	RS	
LAVOIE, Julie Centre Hosp. de l'Université de Montréal (CHUM) Determining the genes involved in the effects of exercise training and preeclampsia on pregnancy and offspring		\$103,803	\$40,933	3 Yr(s)	CSB	
PAUSOVA, Zdenka V Centre Hosp. de l'Université de Montréal (CHUM) Long-term cardiovascular and metabolic consequences of prenatal exposure to maternal cigarette smoking: A study of gene-environment interactions in adolescence	ABRAHAMOWICZ, Michal M / GAUDET, Daniel / LEAL, Suzanne	\$107,010		5 Yr(s)	CSB	

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RINFRET, Stéphane Centre Hosp. de l'Université de Montréal (CHUM) An economic and quality of life evaluation of bupropion therapy for smoking cessation in patients following an acute coronary syndrome	EISENBERG, Mark J / GERVAIS, Andre J / JOSEPH, Lawrence / LACHAINE, Jean / LELORIER, Jacques / O'LOUGHLIN, Jennifer L / PARADIS, Gilles / PILOTE, Louise	\$45,200		3 Yr(s)	HSR	
SARFATI, Marika Centre Hosp. de l'Université de Montréal (CHUM) Immune response of CD47-deficient mice		\$145,028		5 Yr(s)	IT	
SHOUKRY, Naglaa H Centre Hosp. de l'Université de Montréal (CHUM) Role of acute phase immune responses in determining the outcome of hepatitis C virus infection	BRUNEAU, Julie	\$111,397		5 Yr(s)	VVP	

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RIVARD, Alain Centre Hosp. de l'Université de Montréal (CHUM) Hôpital Notre-Dame (Montréal) Modulation of ischemia-induced postnatal neovascularization by clinical phenotype: Role of oxidative stress		\$103,074		5 Yr(s)	CSC	
BARROWMAN, Nicholas J Children's Hospital of Eastern Ontario (Ottawa) Reducing bias in meta-analytic pooling: Estimating the influence of excluding grey literature	MOHER, David	\$62,667		1 Yr(s) 6 Mths	KTE	
HOLCIK, Martin Children's Hospital of Eastern Ontario (Ottawa) Translational regulation of the inhibitor of apoptosis, HIAP2, during endoplasmic reticulum stress		\$102,092		5 Yr(s)	BMB	

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MENON, Kusum Children's Hospital of Eastern Ontario (Ottawa) The epidemiology of adrenal dysfunction in pediatric critical illness	BARROWMAN, Nicholas J / HEBERT, Paul C / HUTCHISON, James S / LAWSON, Margaret L	\$330,639		2 Yr(s)	PUB	
PFAUS, James G Concordia University (Montreal, Quebec) Neural and behavioural mechanisms of conditioned sexual response		\$93,070	\$38,155	4 Yr(s)	BSA	
SHIZGAL, Peter Concordia University (Montreal, Quebec) Neural mechanisms of reward		\$78,802		5 Yr(s)	BSA	
BALDRIDGE, William H Dalhousie University (Nova Scotia) Retinal ganglion cell calcium dynamics in experimental optic neuropathy		\$69,636		5 Yr(s)	CIA	
BEARNE, Stephen L Dalhousie University (Nova Scotia) Mechanisms and inhibition of enzymes involved in pyrimidine and purine biosynthesis		\$107,010		3 Yr(s)	BMA	

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BROWNSTONE, Robert M Dalhousie University (Nova Scotia) Control of movement: Regulation of motoneurone excitability		\$110,602	\$19,550	5 Yr(s)	MOV	
DENOVAN-WRIGHT, Eileen M Dalhousie University (Nova Scotia) Regulation of transcription in Huntington's Disease		\$103,222		3 Yr(s)	CBM	
GRAHAM, Janice E Dalhousie University (Nova Scotia) Risks and regulation of novel therapeutic products: A case study of biologics and emerging genetic technologies		\$126,456	\$19,424	4 Yr(s)	ELH	
LI, Yung-Hua Dalhousie University (Nova Scotia) Identification of virulence-associated genes in Streptococcus mutans by a genome-scale functional analysis		\$91,468	\$9,896	4 Yr(s)	DS	

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LINSDELL, Paul Dalhousie University (Nova Scotia) Mechanisms of chloride channel permeation		\$138,666		5 Yr(s)	CP	
LIU, Paul X Dalhousie University (Nova Scotia) Inteins and protein splicing		\$121,737		5 Yr(s)	BMB	
RAFUSE, Victor F Dalhousie University (Nova Scotia) Characterizing the neuroprotective properties of neural precursors cells for the treatment of Parkinson's Disease	ROBERTSON, Harold A	\$70,264		3 Yr(s)	BCA	
RENTON, Kenneth W Dalhousie University (Nova Scotia) The handling of morphine in patients with a severe CNS trauma/inflammation	HALL, Richard I	\$50,000		2 Yr(s)	PS	
SAWYNOK, Jana Dalhousie University (Nova Scotia) Peripheral regulation of nociception by antidepressants, purines and noradrenaline		\$95,940		5 Yr(s)	PT	

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SINAL, Christopher J Dalhousie University (Nova Scotia) The role of novel adipokines in obesity, inflammation and atherosclerosis		\$120,841	\$19,796	5 Yr(s)	PS	
WEAVER, Donald F Dalhousie University (Nova Scotia) Design and synthesis of novel antiepileptogenic drugs		\$101,393		5 Yr(s)	PS	
WOODWARD, Todd S Direct Payment Riverview Hospital (Port Coquitlam, B.C.) Functional neuroimaging of the hippocampo- prefrontal neural system across the spectrum of schizophrenia	HONER, William G	\$71,586		3 Yr(s)	BSB	
FLORES, Cecilia Douglas Hospital Research Centre (Verdun, Québec) Netrins: Possible mechanistic link between altered brain development and dopaminergic dysfunction associated with schizophrenia		\$87,664		3 Yr(s)	BSA	

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<p>MEANEY, Michael J Douglas Hospital Research Centre (Verdun, Québec) Estrogen receptor alpha and individual differences in maternal behaviour</p>		\$104,849		3 Yr(s)	BSA	
<p>PIAT, Myra Douglas Hospital Research Centre (Verdun, Québec) Recovery from serious mental illness: An exploratory study of multiple stakeholders perspectives'</p>	<p>BLOOM, David / BOTSCHNER, Janos / PROVENCHER, Helene / SYLVESTRE, John C</p>	\$81,164		3 Yr(s)	PSB	
<p>POIRIER, Judes Douglas Hospital Research Centre (Verdun, Québec) HMG coA reductase: A pharmacogenomic and therapeutic target for the common form of Alzheimer's Disease</p>		\$119,376		3 Yr(s)	NSA	

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ADELI, Khosrow Hospital for Sick Children (Toronto) Mechanisms of intestinal lipoprotein overproduction in insulin resistant states		\$102,529		5 Yr(s)	M	
ALMAN, Benjamin A Hospital for Sick Children (Toronto) Beta-catenin in aggressive fibromatosis		\$109,372		3 Yr(s)	CBM	
ALMAN, Benjamin A Hospital for Sick Children (Toronto) Molecular pathology of healing		\$141,325		3 Yr(s)	CIB	
BOULIANNE, Gabrielle L Hospital for Sick Children (Toronto) The role of presenilin in notch signaling		\$138,981		3 Yr(s)	DEV	
COLE, William G Hospital for Sick Children (Toronto) Molecular pathology of Ehlers-Danlos syndrome and chondrodysplasias		\$183,835		4 Yr(s)	CIB	

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FORMAN-KAY, Julie D Hospital for Sick Children (Toronto) Experimental and computational studies of disordered states of proteins		\$136,977		5 Yr(s)	BMA	
JOSELYN, Sheena A Hospital for Sick Children (Toronto) The role of the transcription factor CREB in mammalian memory		\$109,306		3 Yr(s)	BSA	
MILLER, Freda D Hospital for Sick Children (Toronto) Regulation of neuronal survival and morphology by the p53 family	KAPLAN, David R	\$159,209		5 Yr(s)	NSA	
PENCHARZ, Paul B Hospital for Sick Children (Toronto) Use of indicator acid oxidation to determine amino acid requirement	BALL, Ronald O	\$152,967		5 Yr(s)	NUT	

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POST, Martin Hospital for Sick Children (Toronto) Molecular regulation of pulmonary phosphatidylcholine synthesis		\$132,312		5 Yr(s)	RS	
RUTKA, James T Hospital for Sick Children (Toronto) The role of cytoskeletal GTPases in astrocytoma migration		\$99,220		5 Yr(s)	CBM	
SCHACHAR, Russell J Hospital for Sick Children (Toronto) ADHD and development: The role of genetic and cognitive predictors of outcome	BARR, Cathy L / CHARACH, Alice / ICKOWICZ, Abel / PERUSSE, Daniel / ROBAEY, Philippe	\$107,434		5 Yr(s)	BSB	
SCHERER, Stephen W Hospital for Sick Children (Toronto) Large-scale variation in the human genome		\$157,448		5 Yr(s)	GM X	

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STEVENS, Bonnie J Hospital for Sick Children (Toronto) Understanding chronic pain in infancy	ASZTALOS, Elizabeth V / GIBBINS, Sharyn A / KATZ, Joel D / MCKEEVER, Patricia D / PILLAI RIDDELL, Rebecca Rita E	\$50,000		3 Yr(s)	PSD	
TANSWELL, A. K Hospital for Sick Children (Toronto) Regulation of normal and oxygen-mediated aberrant postnatal lung growth by growth factors		\$133,281		5 Yr(s)	RS	
YEUNG, Rae S Hospital for Sick Children (Toronto) Kawasaki Disease: On our way to unraveling the pathogenesis		\$125,929		3 Yr(s)	CIB	
BROCHU, Michèle ST-LOUIS, Jean Hôpital Sainte-Justine (Montréal) Étude des rôles de l'angiotensine II et de l'aldostérone dans la prééclampsie expérimentale	CHORVATOVA, Alzbeta	\$92,398		2 Yr(s)	CSB	

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FORTIN, Sylvie Hôpital Sainte-Justine (Montréal) Pratiques cliniques hospitalières et pluralisme urbain: L'arrimage d'une pédiatrie à la diversité de son milieu	ALVAREZ, Fernando / BIBEAU, Gilles / LAUDY, Danielle	\$53,889	\$8,760	3 Yr(s)	HUP	
KRAJINOVIC, Maja Hôpital Sainte-Justine (Montréal) Genetic determinants of the response to anticancer drugs in childhood acute lymphoblastic leukemia		\$57,184		1 Yr(s)	CPT	
THEORET, Hugo DEAL, Cheri L Hôpital Sainte-Justine (Montréal) Genetic imprinting in Turner syndrome: Neurophysiology, neuropsychology and anatomy of social cognition	LASSONDE, Maryse	\$113,775		3 Yr(s)	BSB	
CARDINAL, René Hôpital du Sacré-Coeur de Montréal Substrates of reentrant ventricular tachycardias in the pathologic ventricle		\$98,633		3 Yr(s)	CSB	

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GERMAIN, Anne Hôpital du Sacré-Coeur de Montréal Pathophysiology and functional neuroanatomy of PTSD during sleep	SOUCY, Jean-Paul	\$103,165		5 Yr(s)	BSC	Pending
MONTPLAISIR, Jacques Y Hôpital du Sacré-Coeur de Montréal Diagnostic et physiopathologie du syndrome d'impatiences musculaires(Restless Legs Syndrome)	DAGHER, Alain / DUMONT, Marie / LAVIGNE, Gilles J	\$94,740		5 Yr(s)	BSB	
ROUSSEAU, Guy Hôpital du Sacré-Coeur de Montréal Université de Montréal Converging evidence for limbic damage following myocardial infarct in the rat	GODBOUT, Roger	\$63,550	\$7,000	1 Yr(s)	PT	
DUPLAY, Pascale INRS - (Québec, QC) Role of Dok family adaptors in the regulation of T lymphocyte signaling		\$122,414		5 Yr(s)	IT	

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CHARRON, Frederic Institut de recherches cliniques de Montréal The role and molecular mechanism of sonic hedgehog in neural circuit formation		\$125,925	\$28,893	5 Yr(s)	NSB	
COHEN, Eric A Institut de recherches cliniques de Montréal Regulation of HIV-1 release and infectivity: Molecular and cellular analysis of HIV-1 Vpu functions		\$131,200		5 Yr(s)	VVP	
DESCHEPPER, Christian F Institut de recherches cliniques de Montréal Identification of cellular mechanisms responsible for the cardioprotective effects of cyclic GMP	DES ROSIERS, Christine / TOUYZ, Rhian M	\$116,998		5 Yr(s)	PT	
GRATTON, Jean-Philippe Institut de recherches cliniques de Montréal Intracellular trafficking and degradation of the VEGF receptor-2: Influence on endothelial cell signaling		\$100,183		5 Yr(s)	CSC	

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LAZURE, Claude Institut de recherches cliniques de Montréal Enzymology of prohormone convertase 1/3 (PC1/3) and the regulated pathway of secretion		\$97,441		3 Yr(s)	E	
SCHIFFRIN, Ernesto L Institut de recherches cliniques de Montréal Role of endothelin in hypertension and vascular injury		\$136,468	\$47,686	5 Yr(s)	CSB	
TANNENBAUM, Cara Institut universitaire de gériatrie de Montréal Confidence and continence: Self-efficacy for improving incontinence in older adults	AHMED, Sara / CORCOS, Jacques / DUMOULIN, Chantal / KORNER- BITENSKY, Nicol A / LEPAGE, Christiane	\$68,765	\$2,500	2 Yr(s)	BCA	
MUSTARD, Cameron A Institute for Work & Health (Toronto) Canadian trends in socioeconomic inequality in avoidable mortality: 1985-2002	ETCHES, Jacob / MANUEL, Douglas G / TOMPA, Emile	\$119,482		2 Yr(s) 6 Mths	PUB	Pending

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DRANGOVA, Maria John P. Robarts Research Institute (London, Ont.) Interventional cardiovascular MRI	PETERS, Terence M / RUTT, Brian K / SKANES, Allan C / YEE, Raymond	\$107,915		3 Yr(s)	MPI	
HEGELE, Robert A John P. Robarts Research Institute (London, Ont.) Genetic determinants of obesity and lipoproteins		\$151,650	\$10,998	5 Yr(s)	G	
MADRENAS, Joaquin John P. Robarts Research Institute (London, Ont.) Regulation of CTLA-4 function by PP2A		\$148,632		5 Yr(s)	IT	
PETERS, Terence M John P. Robarts Research Institute (London, Ont.) Image-guidance for minimally-invasive cardiac procedures	DRANGOVA, Maria / GUIRAUDON, Gerard M / JONES, Douglas L	\$113,535		3 Yr(s)	MPI	

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WANG, Rui Lakehead University (Thunder Bay, Ontario) Molecular mechanisms for the H2S-induced modulation of KATP channels		\$85,125	\$141,387	5 Yr(s)	CP	
TH'NG, John P Lakehead University (Thunder Bay, Ontario) Northwestern Ontario Regional Cancer Centre Role of histone H1 tails in regulating binding to chromatin	HENDZEL, Michael J	\$67,240		3 Yr(s)	BMB	
GELMAN, Neil LEE, David S London Health Sciences Centre Res. Inc. (Ont.) Value of quantitative MRI measures of white matter injury for predicting neurodevelopmental outcome of preterm infants	BUREAU, Yves R / DA SILVA, Orlando P / GRATTON, Robert J / LEVIN, Simon D / ROGERS, John / THOMPSON, R. T	\$68,644		3 Yr(s)	CHI	
ADAMS, Annmarie MCKEEVER, Patricia D McGill University The pediatric hospital atrium: Designers' intentions versus children's experiences	SPALDING, Karen L	\$114,299	\$7,230	2 Yr(s)	CHI	

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BEAUCHEMIN, Nicole McGill University CEACAM1 in colon cancer progression		\$112,820		3 Yr(s)	CPT	
BROPHY, James M McGill University Cox-2 selective inhibitors and cardiovascular outcomes in an elderly population	BOIVIN, Jean-François / JOSEPH, Lawrence / LEVESQUE, Linda E	\$63,652		2 Yr(s)	POP	
CERVERO, Fernando McGill University Mechanisms of inflammatory hyperalgesia: Role of the NKCC1 chloride cation co-transporter		\$115,371	\$12,355	3 Yr(s)	DS	
COULTON, James W McGill University Structural biology of bacterial membrane protein complexes		\$116,169		3 Yr(s)	BMA	
DESBARATS, Julie A McGill University Fas ligand "reverse signaling" in models of spinal cord injury and multiple sclerosis		\$125,214		3 Yr(s)	IT	

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DITTO, Blaine McGill University Using applied muscle tension in the blood donation clinic: Effects on vasovagal symptoms, anxiety, and donor return	FRANCE, Christopher R	\$50,291		3 Yr(s)	PSB	
FRANCO, Eduardo L McGill University Biomarkers of cervical cancer risk	COUtlÉE, François / MATLASHEWSKI, Gregory J / POLLAK, Michael N / ROGER, Michel	\$104,529		3 Yr(s)	POP	
GALIANA, Henrietta L McGill University The role of CNS topology in sensory-motor control strategies		\$78,822		4 Yr(s)	BME	
HERSCOVICS, Annette A McGill University Mechanisms of glycoprotein biosynthesis - role of mammalian class I mannosidases		\$131,073		3 Yr(s)	CP	

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KUHNLEIN, Harriet V McGill University Aguaruna and ingano food system interventions: Culture, environment and health	CREED-KANASHIRO, Hilary M / EGELAND, Grace M / ZULUAGA, German	\$108,336		3 Yr(s)	ABH	
KUMAR, Ujendra McGill University Structure-function and regulation of somatostatin receptors		\$110,499		3 Yr(s)	E	
MARCZYNSKI, Gregory T McGill University Developmental and cell-cycle control of chromosome replication		\$139,277	\$20,760	5 Yr(s)	BMB	
MORALES, Carlos R McGill University The interactomics of sortilin, a novel sorting receptor implicated in multiple lysosomal disorders		\$129,757		5 Yr(s)	M	

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MORTOLA, Jacopo P McGill University Hypoxia and the embryonic development of the metabolic control of breathing		\$50,352	\$1,874	3 Yr(s)	RS	
NADER, Karim K McGill University Towards an understanding of reconsolidation		\$127,428		5 Yr(s)	BSA	
NALBANTOGLU, Joséphine McGill University Gene therapy of experimental tumours	MASSIE, Bernard	\$114,800		3 Yr(s)	CPT	
PARK, Morag McGill University Shc in breast tumour angiogenesis	HUNTSMAN, David G / SAUCIER, Caroline	\$113,400	\$13,434	3 Yr(s)	CPT	
PELLETIER, Jerry M McGill University Translation initiation and cancer: Role of the ribosome recruitment step		\$140,858		5 Yr(s)	BMB	

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PETROF, Basil J McGill University Strategies for therapy of respiratory muscle failure in muscular dystrophy		\$117,703		5 Yr(s)	RS	
RIBEIRO-DA-SILVA, Alfredo McGill University Plasticity of skin innervation following peripheral nerve lesions		\$141,871		5 Yr(s)	NSB	
SCHOECK, Frieder McGill University Investigation of genes required for cell spreading and migration in Drosophila tissue culture and morphogenesis		\$116,115		3 Yr(s)	DEV	
SONENBERG, Nahum McGill University Characterization of knockout mice for the 4E- BPs translational inhibitors: Effects on metabolism	POULIN, Francis	\$162,762		5 Yr(s)	BMB	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
STEINHAUER, Karsten McGill University Electrophysiological investigations of prosodic processing	BAUM, Shari R / PALMER, Caroline	\$84,499		3 Yr(s)	BSC	
STOCHAJ, Ursula McGill University Nuclear transport of heat shock proteins		\$119,016	\$15,000	5 Yr(s)	CP	
TAKANO, Tomoko McGill University Mechanisms of glomerular barrier dysfunction		\$103,140		5 Yr(s)	EM	
THOMAS, David Y McGill University The endoplasmic reticulum interactome	GEHRING, Kalle B / HALLETT, Michael T	\$256,762	\$4,401	5 Yr(s)	GM X	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
TREMBLAY, Michel L McGill University The protein tyrosine phosphatase PTP-PEST is an effector of cytoskeletal reorganization induced by developmental, oncogenic, and parasitic challenges, and a therapeutical target for their associated diseases		\$132,567		5 Yr(s)	MCC	
WHITE, John H McGill University Role of direct target genes of retinoic acid in mediating its antiproliferative action	LOHNES, David L / MADER, Sylvie N	\$155,185		4 Yr(s)	GM X	
ZINGG, Hans H McGill University Molecular mechanisms of oxytocin action		\$97,154		5 Yr(s)	E	
MAZER, Bruce D McGill University Montreal Children's Hospital Research Institute IL-13+ B cells: What is their role in allergic airway disease?		\$91,269		3 Yr(s)	RS	

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AVOLI, Massimo McGill University Montreal Neurological Institute Thalamocortical mechanisms and absence seizures	RAGSDALE, David S	\$86,770		3 Yr(s)	NSA	
COLLINS, Louis D GOULET, Benoit McGill University Montreal Neurological Institute Image guided neurosurgery		\$147,835	\$22,633	4 Yr(s)	MPI	
GUITTON, Daniel McGill University Montreal Neurological Institute Oculomotor control in hemidecorticate patients		\$50,937		5 Yr(s)	BSC	
KENNEDY, Timothy E McGill University Montreal Neurological Institute Role of the netrin receptor DCC in synaptogenesis and synaptic plasticity.		\$98,968	\$3,900	5 Yr(s)	NSB	

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SADIKOT, Abbas F McGill University Montreal Neurological Institute Role of pitx3 in survival of the subset of dopaminergic neurons affected in Parkinson's Disease	DROUIN, Jacques	\$139,714		3 Yr(s)	CBM	
SHOUBRIDGE, Eric A McGill University Montreal Neurological Institute Cloning and functional analysis of nuclear gene defects for respiratory chain disorders		\$130,163	\$9,860	5 Yr(s)	G	
SHOUBRIDGE, Eric A McGill University Montreal Neurological Institute The mitochondrial DNA bottleneck		\$116,030	\$19,000	3 Yr(s)	G	
LAPORTE, Stéphane A McGill University Royal Victoria Hospital (Montreal) Regulation of G protein-coupled receptor internalization		\$95,780	\$7,000	4 Yr(s)	PT	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
LEBRUN, Jean-Jacques McGill University Royal Victoria Hospital (Montreal) Regulation of cell growth and hormone production by activin in pituitary cells and human pituitary tumours.		\$101,467		5 Yr(s)	E	
MARCIL, Michel McGill University Royal Victoria Hospital (Montreal) Role of secretory sphingomyelinase in high density lipoprotein remodeling		\$87,617		3 Yr(s)	M	
MORT, John S McGill University Shriners Hospital for Children (Montréal) Structure-function studies of enzymes involved in the synthesis and degradation of glycosaminoglycans	CYGLER, Mirek / WITHERS, Stephen G	\$130,257		3 Yr(s)	BMA	

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PERSAD, Sujata McMaster University Hamilton Regional Cancer Centre (Ontario) Role of O-glycosylation post-translational modification of B-catenin in regulating its transcriptional function, oncogenic properties and breast cancer progression		\$89,613		3 Yr(s)	CPT	
ANDREWS, David W McMaster University Interaction of bcl-2 family apoptosis regulatory proteins with cellular membranes		\$178,835		5 Yr(s)	MCC	
AUSTIN, Richard C McMaster University Role of endoplasmic reticulum (ER) stress in the development and progression of atherothrombotic disease		\$82,922		3 Yr(s)	CSC	

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BOYLE, Michael H McMaster University Screening for psychopathology in child mental health outpatient settings: Evaluation of the brief child and family phone interview (BCFPI)	CUNNINGHAM, Charles E / HONG, Sungjin	\$82,039		1 Yr(s)	CHI	
BROWN, Eric D McMaster University Biochemistry and genetics of wall teichoic biogenesis		\$106,108		5 Yr(s)	MI	
CROITORU, Kenneth McMaster University Studies of the induction and regulation of colitis in a mouse model		\$122,429		3 Yr(s)	EM	

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DOBBINS, Maureen J McMaster University Exploring knowledge brokering in public health: A natural phenomenon	CAMERON, Roy / CILISKA, Donna K / JACK, Susan M / LAVIS, John N / MANSKE, Steve / MERCER, Shawna L / MICUCCI, Sandra R / MILLS, Christina J / O'MARA, Linda M / THOMAS, Helen	\$77,736	\$3,000	2 Yr(s) 6 Mths	KTE	
GINSBERG, Jeffrey S McMaster University Determining the risk of fetal loss in women with unprovoked venous thromboembolism(VTE) who do not have identifiable inherited thromophilia compared with women who have the diagnosis of VTE excluded.	JULIAN, James A / KEARON, Clive / MUELLER, Valerie M / TRAN, Huyen A	\$89,683		3 Yr(s)	CSB	
HUIZINGA, Jan D McMaster University Interstitial cells of Cajal and control of gastrointestinal motility		\$164,051	\$24,437	5 Yr(s)	EM	

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JUNOP, Murray S McMaster University Crystallographic studies of DNA repair proteins involved in non-homologous DNA end joining		\$97,080		3 Yr(s)	BMA	
KEARON, Clive McMaster University Risk of thrombosis in family members of patients with unprovoked venous thrombosis: Implications for thrombophilia screening	DOUKETIS, James D / GINSBERG, Jeffrey S / JULIAN, James A / KAHN, Susan R / WELLS, Philip S	\$75,096		2 Yr(s)	CSB	
MARTIN GINIS, Kathleen A McMaster University Developing physical activity recommendations and interventions for people with spinal cord injury. Phase 2: Determining the prevalence and health benefits of physical activity	BRAY, Steven R / BUCHHOLZ, Andrea C / CRAVEN, Cathy / GOLDSMITH, Charles H / HAYES, Keith C / HICKS, Audrey L / LATIMER, Amy E / MCCOLL, Mary Ann H / POTTER, Patrick J / TONACK, Mark I / WOLFE, Dalton L	\$121,486	\$15,395	4 Yr(s)	PSD	

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PHILLIPS, Stuart M McMaster University Immobilization-induced changes in skeletal muscle protein turnover in the fed state	RENNIE, Michael J / TARNOPOLSKY, Mark A	\$71,168		2 Yr(s)	MOV	
POINAR, Hendrik McMaster University Use of ancient DNA to study the origins and evolution of HIV: Implications of archival sequences in the design of more effective vaccines	ROSENTHAL, Kenneth L	\$103,443		3 Yr(s)	VVP	
SAKIC, Boris McMaster University Brain-reactive autoantibodies: Origin, structure, and effects on behaviour	MACRI, Joseph	\$97,115		3 Yr(s)	BSA	
SCHELLHORN, Herbert E McMaster University Global control of expression of the RpoS regulon in Escherichia coli		\$87,486		3 Yr(s)	MI	

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SHAUGHNESSY, Stephen G McMaster University Mechanism(s) of unfractionated and low molecular weight heparin-induced bone loss	YOUNG, Edward	\$108,209		3 Yr(s)	CIB	
SMIEJA, Marek J McMaster University The Canadian HIV vascular study	GOUGH, Kevin A / LONN, Eva / ROSENTHAL, Kenneth L / SMAILL, Fiona M / THABANE, Lehana	\$109,294		5 Yr(s)	CSB	
SZECHTMAN, Henry McMaster University Obsessive-compulsive disorder as a disturbance of motivation	WOODY, Erik Z	\$78,901		3 Yr(s)	BSA	
TRIGATTI, Bernardo L McMaster University Role of bone marrow cell derived SR-BI in the development of atherosclerosis		\$108,176		3 Yr(s)	CSC	

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GAUDINE, Alice P Memorial University of Newfoundland The functioning of hospital ethics committees for clinical practice and nurses, and physicians; use of these committees	LEFORT, Sandra M / THORNE, Linda	\$50,000		3 Yr(s)	HPM	
GILLESPIE, Laura L PATERNO, Gary D Memorial University of Newfoundland Investigation into the role of MI-ER1 alpha, a novel estrogen receptor co-regulator		\$118,327		4 Yr(s)	E	
HIRASAWA, Kensuke Memorial University of Newfoundland Interaction of interferon-induced antiviral responses and Ras signalling pathways		\$94,342	\$13,028	3 Yr(s)	VVP	

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PARFREY, Patrick S CONNORS, Sean P YOUNG, Terry-Lynn Memorial University of Newfoundland The genetic epidemiology of dilated cardiomyopathy, arrhythmogenic right ventricular cardiomyopathy (ARVC) and ARVC linked to 3p25 in Newfoundland		\$128,668		3 Yr(s)	CSB	
KNIGHT, Julia A Mount Sinai Hospital (Toronto) Optical transillumination spectroscopy: A potential indicator of breast tissue risk	BLYSCHAK, Kristina M / LILGE, Lothar	\$90,478	\$3,000	3 Yr(s)	PUB	
MCGEER, Allison J VALIQUETTE, Louis MCGEER, Allison J VALIQUETTE, Louis Mount Sinai Hospital (Toronto) Derivation of clinical prediction rules to identify patients with complicated outcomes after the diagnosis of clostridium difficile associated diarrhea	CADARETTE, Suzanne M / COREY, Paul N / DEVLIN, H.Roslyn / GOLD, Wayne L / LABBE, Annie-Claude / MULLER, Matthew P / MULVEY, Michael R / PEPIN, Jacques / POUTANEN, Susan M / SIMOR, Andrew E	\$253,737		3 Yr(s)	HSR	

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WRANA, Jeffrey L Mount Sinai Hospital (Toronto) The TGFbeta-par6 pathway in breast cancer metastasis		\$198,370		5 Yr(s)	MCC	
BROWN, Theodore J Mount Sinai Hospital (Toronto) Samuel Lunenfeld Research Institute (Toronto) Functional characterization of androgen-altered genes with a putative role during early events in ovarian carcinogenesis	JURISICA, Igor / LETARTE, Michelle V / SHAW, Patricia A	\$98,598		4 Yr(s)	E	
CASPER, Robert F JURISICOVA, Andrea Mount Sinai Hospital (Toronto) Samuel Lunenfeld Research Institute (Toronto) Enhancing early embryo development in assisted reproduction	PEREZ, Gloria I	\$121,240		5 Yr(s)	CIA	

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GRYNPAS, Marc D Mount Sinai Hospital (Toronto) Samuel Lunenfeld Research Institute (Toronto) Can vitamin D delay or arrest the progression of osteoarthritis in an animal model?	KANDEL, Rita A / VIETH, Reinhold	\$63,136		3 Yr(s)	NUT	
RODER, John C Mount Sinai Hospital (Toronto) Samuel Lunenfeld Research Institute (Toronto) The role of class I metabotropic glutamate receptors in synaptic plasticity		\$125,747		5 Yr(s)	NSB	
ZHEN, Mei Mount Sinai Hospital (Toronto) Samuel Lunenfeld Research Institute (Toronto) Roles of ALK (anaplastic lymphoma kinase) and other FSN-1-regulated signaling pathways during synaptogenesis		\$143,909		5 Yr(s)	DEV	

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BIRCH, Gary E Neil Squire Society (Vancouver) Single-trial detection of motor-related potentials for use in a direct brain-computer interface for persons with severe disabilities		\$115,899		3 Yr(s)	MPI	
BALTZ, Jay M Ottawa Health Research Institute Transport-mediated processes in oocyte growth and maturation		\$111,337		5 Yr(s)	CIA	
BULMAN, Dennis E Ottawa Health Research Institute Identification of a novel gene for brachydactyly- A1		\$140,466		3 Yr(s)	G	
BULMAN, Dennis E Ottawa Health Research Institute Identification and characterization of genes responsible for inherited myoclonus dystonia	GRIMES, David A	\$126,717		3 Yr(s)	G	

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RENAUD, Leo P Ottawa Health Research Institute Hypothalamic neuroregulatory mechanisms		\$127,889		5 Yr(s)	NSA	
SORISKY, Alexander M Ottawa Health Research Institute Regulation of adipogenesis		\$90,569		4 Yr(s)	M	
STYS, Peter K Ottawa Health Research Institute White matter excitotoxicity		\$161,275		5 Yr(s)	NSA	
DIMITROULAKOS, Jim Ottawa Health Research Institute Ottawa Regional Cancer Centre The role of the mevalonate pathway in regulating the epidermal growth factor receptor		\$102,420		3 Yr(s)	CPT	
MCBURNEY, Michael W Ottawa Health Research Institute Ottawa Regional Cancer Centre Role of sirT1 in aging and cancer susceptibility		\$148,223		5 Yr(s)	CBM	

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ADAMS, Michael A Queen's University (Kingston, Ontario) Antihypertensive drug-induced persistent lowering of pressure		\$111,097		4 Yr(s)	PT	
ARONSON, Kristan Queen's University (Kingston, Ontario) Selective serotonin reuptake inhibitors and breast cancer	ASHBURY, Janet E / BECK, Patricia A / KING, Will D	\$80,666		3 Yr(s)	PUB	
DAVIES, Peter L Queen's University (Kingston, Ontario) Calcium-activated proteases in health and disease		\$149,115		5 Yr(s)	BMA	
JANSSEN, Ian M Queen's University (Kingston, Ontario) Obesity, sarcopenia, and health risk in the elderly		\$53,248	\$5,000	3 Yr(s)	BCA	

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KAWAJA, Michael D Queen's University (Kingston, Ontario) Intraspinal implantation of olfactory ensheathing cells to enhance recovery after spinal cord injury		\$95,058		3 Yr(s)	NSA	
LEDERMAN, Susan J Queen's University (Kingston, Ontario) Haptic face processing		\$100,294		5 Yr(s)	BSC	
ROSE, P. Kenneth Queen's University (Kingston, Ontario) Input-output properties of neck motoneurons: The role of dendritic structure		\$159,165	\$17,799	3 Yr(s)	NSB	
WYNNE-EDWARDS, Katherine E Queen's University (Kingston, Ontario) Neuroendocrinology of paternal behaviour		\$96,656		5 Yr(s)	BSA	
HARDEN, Nicholas Simon Fraser University (Burnaby, B.C.) Characterization of effector kinases for the small GTPase cdc42 in Drosophila		\$92,939	\$18,093	3 Yr(s)	DEV	

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LEROUX, Michel R Simon Fraser University (Burnaby, B.C.) Link between cilia function and obesity		\$97,744		2 Yr(s)	CBM	
SEN, Dipankar Simon Fraser University (Burnaby, B.C.) Novel uses of light as probe and effector in the biology and chemistry of DNA and RNA		\$104,468		3 Yr(s)	BMA	
LEAR, Scott A Simon Fraser University (Burnaby, B.C.) St. Paul's Hospital, Vancouver Multicultural community health assessment trial (M-CHAT): Role of body fat distribution on sub-clinical atherosclerosis in a multi-ethnic population	CHAN, Sammy / MANCINI, G. B. J	\$38,150		2 Yr(s)	NUT	

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<p>KARAPLIS, Andrew C Sir Mortimer B. Davis Jewish General Hospital- Mtl Lady Davis Institute for Medical Research (Mtl) PTHrP and osteoblast biology: Relevance to osteoporosis</p>		\$119,085	\$10,960	5 Yr(s)	E	
<p>WU, Jian Hui Sir Mortimer B. Davis Jewish General Hospital- Mtl Lady Davis Institute for Medical Research (Mtl) Chemical modulators that inhibit inappropriate activation of androgen receptor: Towards novel AR antagonists against hormone-refractory prostate cancer</p>		\$107,297		3 Yr(s)	CPT	
<p>CEN, Shan Sir Mortimer B. Davis Jewish General Hospital- Mtl Study on the mechanism of human APOBEC3G encapsidation into HIV-1</p>		\$92,824		3 Yr(s)	VVP	

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<p>EISENBERG, Mark J Sir Mortimer B. Davis Jewish General Hospital- Mtl A hierarchical Bayesian meta-analysis of randomized clinical trials of smoking cessation aids</p>	<p>GERVAIS, Andre J / JOSEPH, Lawrence / O'LOUGHLIN, Jennifer L / PARADIS, Gilles / PILOTE, Louise</p>	<p>\$50,000</p>		<p>1 Yr(s)</p>	<p>KTE</p>	
<p>KOROMILAS, Antonis E Sir Mortimer B. Davis Jewish General Hospital- Mtl The role of site-specific stat1 phosphorylation in oncogene-mediated tumorigenesis and its implications in the development of breast cancer</p>		<p>\$94,423</p>		<p>5 Yr(s)</p>	<p>BMB</p>	
<p>ROSBERGER, Zeev Sir Mortimer B. Davis Jewish General Hospital- Mtl The psychosocial impact of Pap versus HPV testing on Canadian women screened for cervical cancer</p>	<p>DI DIO, Pasqualina / DUARTE-FRANCO, Eliane F / FRANCO, Eduardo L / KNAUPER, Barbel / MAYRAND, Marie-Helene</p>	<p>\$63,080</p>		<p>3 Yr(s)</p>	<p>PSB</p>	

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<p>KEITH, Mary E BRIET, Francoise St. Michael's Hospital (Toronto) Does nutrient supplementation influence cardiac function,structure and survival by altering energy metabolism?</p>	<p>MAZER, David / STEWART, Duncan J</p>	<p>\$77,900</p>		<p>2 Yr(s)</p>	<p>NUT</p>	
<p>STEWART, Duncan J St. Michael's Hospital (Toronto) Pathophysiological relevance of endothelin-1 overexpression</p>	<p>HUSAIN, Mansoor</p>	<p>\$114,171</p>		<p>5 Yr(s)</p>	<p>CSC</p>	
<p>STRAUSS, Bradley H St. Michael's Hospital (Toronto) Microvessel formation in chronic total occlusions: Pathophysiology and role in successful guide-wire crossing</p>	<p>DICK, Alexander J / WRIGHT, Graham A</p>	<p>\$113,303</p>		<p>3 Yr(s)</p>	<p>CSB</p>	
<p>BATT, Jane Andrea E St. Michael's Hospital (Toronto) University of Toronto Molecular mechanisms of denervation skeletal muscle atrophy</p>		<p>\$80,991</p>		<p>3 Yr(s)</p>	<p>MOV</p>	

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<p>MANUEL, Douglas G BERTHELOT, Jean-Marie ROOS, Leslie L Sunnybrook and Women's College Health Sciences Ctr Institute for Clinical Evaluative Sciences- Toronto Population health impact assessment tools for obesity and Diabetes Mellitus Type 2 (PHIAT- DM)</p>	<p>ANDERSON, Geoffrey M / BOOTH, Gillian L / CHOI, Bernard / HUX, Janet E / MUSTARD, Cameron A / STUKEL, Therese A / WU, Jianhong</p>	<p>\$157,077</p>	<p>\$3,000</p>	<p>4 Yr(s)</p>	<p>HSI</p>	
<p>CARLYLE, James R Sunnybrook and Women's College Health Sciences Ctr Nkr-p1 receptor-ligand interactions in missing self recognition of tumour cells and infected targets</p>	<p>ZUNIGA-PFLUCKER, Juan C</p>	<p>\$102,177</p>		<p>5 Yr(s)</p>	<p>IT</p>	
<p>JANKOV, Robert P Sunnybrook and Women's College Health Sciences Ctr Role of peroxynitrite and macrophages in newborn pulmonary vascular remodeling</p>		<p>\$95,296</p>		<p>3 Yr(s)</p>	<p>RS</p>	

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LU, Wei-Yang Sunnybrook and Women's College Health Sciences Ctr Acetylcholinesterase in brain aging		\$114,149		3 Yr(s)	BCA	
PLEWES, Donald B Sunnybrook and Women's College Health Sciences Ctr Adaptive MRI for surveillance of hereditary breast cancer	CAUSER, Petrina A / JONG, Roberta A / MARTEL, Anne L	\$74,478	\$2,636	3 Yr(s)	MPI	
RABENECK, Linda Sunnybrook and Women's College Health Sciences Ctr Risk of advanced proximal neoplasia of the colon in asymptomatic adults	BONDY, Susan J / HSIEH, Eugene T / KIM, Young-In J / LAW, Calvin H / MARSHALL, Deborah A / MCLAUGHLIN, John R / PASZAT, Lawrence(Larry) F / STUKEL, Therese A	\$240,665		4 Yr(s)	HSR	

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RAST, Jonathan P Sunnybrook and Women's College Health Sciences Ctr Characterizing the gene regulatory network underpinning development of an innate immune system		\$82,647		5 Yr(s)	IT	
RATCLIFFE, Michael J Sunnybrook and Women's College Health Sciences Ctr Control of B lymphocyte ontogeny		\$152,050		5 Yr(s)	IT	
REDELMEIER, Donald A Sunnybrook and Women's College Health Sciences Ctr Statins and sepsis	HACKAM, Daniel G / KISS, Alexander J / MAMDANI, Muhammad M / SIBBALD, William J	\$40,044		2 Yr(s)	HSR	

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ROMANS, Sarah E Sunnybrook and Women's College Health Sciences Ctr Mood changes and daily life	BENAZON, Nili R / EINSTEIN, Gillian / KREINDLER, David / LAREDO, Sheila E / LEVITT, Anthony J / MORGAN, Kathryn / STEWART, Donna E / TONER, Brenda B	\$131,508	\$6,000	3 Yr(s)	GSH	
YANG, Burton B Sunnybrook and Women's College Health Sciences Ctr The role of the large aggregating chondroitin sulfate proteoglycan versican in angiogenesis		\$69,036		3 Yr(s)	CSC	
FREMES, Stephen E Sunnybrook and Women's College Health Sciences Ctr University of Toronto Biochemical and genetic predictors of coronary bypass graft atherosclerosis	COHEN, Eric A / DESAI, Nimesh D / LIU, Peter P	\$78,153		2 Yr(s)	CSB	

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<p>HATHAWAY, Andrew D The Centre for Addiction and Mental Health (Toronto) The Centre for Addiction & Mental Health (Toronto) Cannabis use as self-medication: A study of Canadian compassion club clients</p>	<p>ERICKSON, Patricia G / PAWLUCH, Dorothy</p>	<p>\$24,017</p>		<p>3 Yr(s)</p>	<p>PSD</p>	
<p>LIU, Fang The Centre for Addiction and Mental Health (Toronto) The Centre for Addiction & Mental Health (Toronto) Dual regulation of dopamine transporter function by dopamine D2 receptors</p>		<p>\$123,738</p>		<p>3 Yr(s)</p>	<p>NSB</p>	
<p>WILSON, Alan A GINOVART, Nathalie The Centre for Addiction and Mental Health (Toronto) The Centre for Addiction & Mental Health (Toronto) PET imaging of the dopamine D2 high affinity state in humans</p>	<p>HOULE, Sylvain / KAPUR, Shitij</p>	<p>\$109,003</p>	<p>\$9,618</p>	<p>3 Yr(s)</p>	<p>BSB</p>	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
WANG, Jun-Feng The Centre for Addiction and Mental Health (Toronto) Neuroprotective effect of mood stabilizers: The role of antioxidative stress		\$77,679		3 Yr(s)	BSA	
MALO, Danielle The Res. Inst. of the McGill University Health Ctr Centre universitaire de santé de McGill Dissection of the complex genetics of host defense against salmonella infection		\$135,006		5 Yr(s)	G	
DA COSTA, Debora M The Res. Inst. of the McGill University Health Ctr McGill University Post-traumatic stress symptoms following childbirth: A prospective study to determine incidence and contributing factors	KHALIFE, Samir / MARCHAND, André / RAHME, Elham	\$67,926	\$2,495	3 Yr(s) 6 Mths	PSB	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
OLIVIER, Martin The Res. Inst. of the McGill University Health Ctr McGill University Subversion of host cell signaling by the protozoan parasite Leishmania		\$115,112		5 Yr(s)	MI	
KAPLAN, Feige The Res. Inst. of the McGill University Health Ctr Montreal Children's Hospital Research Institute Investigations of an association of genetic variation in importin 13 with lung function and steroid response in asthma		\$129,273	\$40,748	5 Yr(s)	RS	
LACHAPELLE, Pierre The Res. Inst. of the McGill University Health Ctr Montreal Children's Hospital Research Institute Retinopathy of prematurity: Retinal and postretinal structural and functional consequences	CASANOVA, Christian F / CHEMTOB, Sylvain	\$124,959	\$22,530	3 Yr(s)	CIA	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
BERNATSKY, Sasha R The Res. Inst. of the McGill University Health Ctr Exposure to immunosuppressive drugs and cancer risk in systemic lupus erythematosus	BOIVIN, Jean-François / CLARKE, Ann E / JOSEPH, Lawrence / RAJAN, Raghu D / RAMSEY-GOLDMAN, Rosalind	\$83,666		2 Yr(s)	CIB	
CARBONETTO, Salvatore T The Res. Inst. of the McGill University Health Ctr Extracellular matrix receptors in astroglial scar formation		\$107,502		3 Yr(s)	NSA	
HATZAKIS, George E The Res. Inst. of the McGill University Health Ctr Improving HIV-treatment: Predicting HIV coreceptor CCR5 and CXCR4 usage through V3 genotype	HARRIGAN, Richard P / SIROIS, Suzanne	\$48,197		9 Mths	PUB	

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ROSENBERG, Lawrence The Res. Inst. of the McGill University Health Ctr Pancreatic plasticity: The cells, the biology and the potential for making islets		\$79,073		3 Yr(s)	E	
SCHURR, Erwin A The Res. Inst. of the McGill University Health Ctr Genetic dissection of leprosy susceptibility		\$204,937		5 Yr(s)	G	
SCHWARTZMAN, Kevin The Res. Inst. of the McGill University Health Ctr Incidence of serious adverse events in patients taking anti-tuberculosis drugs in Québec	BARKUN, Alan N / BARTLETT-ESQUILANT, Gillian / MENZIES, Richard (Dick) / TANNENBAUM, Terry N	\$42,400		2 Yr(s)	HSI	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
HAKEM, Razqallah University Health Network (Toronto) Ontario Cancer Institute (Toronto) Analysis of the functional interaction of mus81 with blm, rad54 and chk2 in genomic stability and cancer, by generation of dual genetic mouse models		\$142,352		5 Yr(s)	CPT	
IKURA, Mitsuhiro University Health Network (Toronto) Ontario Cancer Institute (Toronto) Signaling mechanisms of bacteria stress response		\$80,773		3 Yr(s)	BMA	
SQUIRE, Jeremy A ZIELENSKA, Maria University Health Network (Toronto) Ontario Cancer Institute (Toronto) Osteosarcoma - a paradigm for understanding acquisition of chromosomal instability phenotype in human cancer	THORNER, Paul S	\$125,516		3 Yr(s)	CPT	Pending

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
<p>RODIN, Gary M University Health Network (Toronto) Princess Margaret Hospital (Toronto) The quality of death in metastatic cancer and its relationship to antecedent factors and bereaved primary caregiver morbidity</p>	<p>GAGLIESE, Lucia / HALES, Sarah A / ZIMMERMANN, Camilla</p>	<p>\$101,861</p>		<p>5 Yr(s)</p>	<p>PSD</p>	
<p>KRAHN, Murray D University Health Network (Toronto) Toronto General Hospital Population based estimates of cost and quality of life in community dwelling HCV patients</p>	<p>ANIS, Aslam H / HEATHCOTE, Elizabeth Jane J / KRAJDEN, Mel / POURBOHLOUL, Babak / SHADMANI, Ramak / TOMLINSON, George A / YOSHIDA, Eric M</p>	<p>\$149,754</p>	<p>\$6,000</p>	<p>3 Yr(s)</p>	<p>HSI</p>	
<p>WONG, Florence S University Health Network (Toronto) Toronto General Hospital An evaluation of kidney segmental tubular contribution to sodium retention in patients with compensated liver cirrhosis: A pathophysiological approach</p>		<p>\$48,662</p>		<p>2 Yr(s)</p>	<p>EM</p>	

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HEATHCOTE, Elizabeth Jane J University Health Network (Toronto) Toronto Western Hospital Family studies in primary biliary cirrhosis	SIMINOVITCH, Katherine A	\$202,414		3 Yr(s)	EM	
BREMNER, Rod University Health Network (Toronto) Toronto Western Research Institute (Toronto) The role of E2F in retinal development		\$144,220		5 Yr(s)	DEV	
CARLEN, Peter L University Health Network (Toronto) Toronto Western Research Institute (Toronto) Gap junctions and seizure synchrony	POULTER, Michael O	\$102,844	\$16,125	5 Yr(s)	NSA	
GRACE, Sherry L University Health Network (Toronto) Contribution of physician and patient factors to cardiac rehabilitation referral and participation: A prospective, multi-level study	ALTER, David A / HIGGINSON, Lyall A / STEWART, Donna E / SUSKIN, Neville G	\$73,613		3 Yr(s)	HSR	

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KARKOUTI, Keyvan University Health Network (Toronto) Predictors of massive blood loss in cardiac surgery: Development and validation of a simple prediction rule	BEATTIE, William S / IVANOV, Joan / YAU, Terrence M	\$81,797		1 Yr(s)	HSI	
RITVO, Paul G University Health Network (Toronto) Addressing gender differences in colorectal cancer screening	DEL GIUDICE, Lisa M / FERRIS, Lorraine E / KATZ, Joel D / KLAR, Neil / PASZAT, Lawrence(Larry) F / RABENECK, Linda / UPSHUR, Ross E / WEITZMAN, Eben A	\$82,504	\$5,452	2 Yr(s) 6 Mths	GSH	
VITKIN, I. A University Health Network (Toronto) Endoscopic Doppler optical coherence tomography for gastrointestinal imaging	DICKENSHEETS, David L / MARCON, Norman E / WILSON, Brian C / YANG, Victor (\$113,340	\$122,200	4 Yr(s)	MPI	
WAN, Qi University Health Network (Toronto) Cellular physiology of casein kinase I in regulating GABA-A receptors in the biological clock		\$108,240		3 Yr(s)	CP	

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WOODGETT, James (Jim) R University Health Network (Toronto) Functional roles of glycogen synthase kinase-3 in cellular regulation and disease		\$134,726		5 Yr(s)	MCC	
YEH, Wen-Chen University Health Network (Toronto) Effect of inflammatory signaling on apoptosis regulation and DNA damage responses		\$136,645		5 Yr(s)	IT	
FLORAS, John S University Health Network (Toronto) University of Toronto Cardiovascular, autonomic and neurohumoral impact of nocturnal hemodialysis	BRADLEY, Douglas T / CHAN, Christopher T / DZAVIK, Vladimir	\$144,093		5 Yr(s)	CSB	
MCGILVRAY, Ian D University Health Network (Toronto) University of Toronto The molecular genetics of hepatitis C viral infection: Defining novel therapeutic and pathogenic mechanisms in acute and chronic disease	HEATHCOTE, Elizabeth Jane J	\$154,149		3 Yr(s)	VVP	

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CHEN, Xing-Zhen University of Alberta Mechanisms of polycystin-2 targeting to the primary cilium		\$82,082		3 Yr(s)	EM	
CHEUNG, Po-Yin University of Alberta The cardiovascular support in newborns with hypoxia-reoxygenation injury		\$112,833		3 Yr(s)	CSB	
COLBOURNE, Frederick University of Alberta An evaluation of the therapeutic potential of induced hypothermia after intracerebral hemorrhagic stroke in rats		\$69,495	\$30,630	3 Yr(s)	BSA	
DYCK, Jason R University of Alberta Akt/PKB and the regulation of cardiac energy metabolism		\$123,779		5 Yr(s)	CSA	

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EITZEN, Gary A University of Alberta The role of small G-proteins in membrane fusion		\$104,604		5 Yr(s)	CBM	
GHAHARY, Aziz University of Alberta Protective role of indolamine, 2, 3 dioxygenase (IDO) in survival of allogenic skin substitute	GUILBERT, Larry J / TREDGET, Edward E	\$118,529		3 Yr(s)	CIB	
HENDZEL, Michael J University of Alberta Epigenetic control of interphase chromosome structure and function		\$151,046	\$44,528	5 Yr(s)	G	
JAMES, Michael N University of Alberta Structural and mechanistic studies of serine, aspartic and viral proteinases and their inhibitors		\$280,755		5 Yr(s)	BMA	

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KIPP, Walter E University of Alberta Community-based antiretroviral treatment for AIDS patients in rural Uganda	HOUSTON, Stan C / KABAGAMBE, Geoffrey / KALER, Amy K / KAMYA, Moses R / KARAMAGI, Ednah A / KONDE-LULE, Joseph / LUCKERT, Martin K / SAUNDERS, Leslie D	\$313,859		4 Yr(s)	HSR	
LEHNER, Richard University of Alberta Molecular characterization of hepatic esterases		\$91,889		3 Yr(s)	M	
LOCKE, John University of Alberta Matching lethal mutations to genes on chromosome 4 of Drosophila		\$57,761		4 Yr(s)	GM X	
LOPASCHUK, Gary D University of Alberta Energy metabolism in the newborn heart	REBEYKA, Ivan M	\$118,531	\$12,000	5 Yr(s)	CSB	

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MACMILLAN, Andrew M University of Alberta Structural and functional characterization of spliceosome assembly and activation		\$99,589	\$17,123	5 Yr(s)	BMA	
MICHELAKIS, Evangelos D University of Alberta Survinin targeting: A new therapeutic window in the treatment of pulmonary arterial hypertension		\$100,858		5 Yr(s)	CSC	
NGUYEN, Peter V University of Alberta Mouse models of memory impairment		\$106,001	\$18,818	3 Yr(s)	BSA	
PROCHAZKA, Arthur University of Alberta Sensorimotor control		\$95,331		3 Yr(s)	MOV	

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ROWE, Brian H University of Alberta Multi-centered study of anti-inflammatory treatment in asthma relapse: The AIR asthma study	AARON, Shawn D / ABU- LABAN, Riyad Baha / JOHNSON, Jeffrey A / KLASSEN, Terry P / MAJUMDAR, Sumit R / SENTHILSELVAN, Ambikaipakan / STIELL, Ian G	\$192,729		2 Yr(s)	HSI	
SCOTT, Paul G University of Alberta Structure and function of small leucine-rich repeat-containing macromolecules of the extracellular matrix		\$114,329		3 Yr(s)	DS	
SMILEY, James R University of Alberta The Herpes simplex virus virion host shutoff protein		\$144,742		5 Yr(s)	VVP	

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TONELLI, Marcello A University of Alberta The role of place and relocation in the care of Canadians with end-stage renal disease	BERTAZZON, Stefania / CULLETON, Bruce F / GILL, John S / HEMMELGARN, Brenda R / MANNNS, Braden J / SENTHILSELVAN, Ambikaipakan	\$58,652		3 Yr(s)	HSR	
ULUDAG, Hasan University of Alberta Peptide-guided polymeric carriers of DNA for gene therapy		\$104,246		3 Yr(s)	BME	
ULUDAG, Hasan University of Alberta Targeting bFGF to bone for systemic stimulation of bone formation		\$138,361		4 Yr(s)	PS	
WANG, Zhixiang University of Alberta Regulation of EGF receptor endocytosis		\$127,941		5 Yr(s)	CBM	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
WEINER, Joel H University of Alberta Bacterial complex II homologs as models for mitochondrial electron transfer		\$106,227		3 Yr(s)	BMA	
WILSON, Kevin S University of Alberta Regulation of ribosomal translocation by translation factor EF-G and GTP hydrolysis		\$119,365		5 Yr(s)	BMB	
WOZNIAK, Richard W University of Alberta Molecular analysis of nuclear pore complex function		\$165,878		5 Yr(s)	CP	
YOUNG, Howard S University of Alberta Molecular insights into the mechanisms of regulation and recovery of cytosolic calcium during cardiac muscle relaxation		\$104,478		5 Yr(s)	BMA	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
LANSDORP, Peter M University of British Columbia B.C. Cancer Research Centre (Vancouver) Replicative shortening of telomeres in human cells		\$132,069		5 Yr(s)	G	
MACAULAY, Calum E University of British Columbia B.C. Cancer Research Centre (Vancouver) Tomographic reconstruction microscopy	LANE, Pierre	\$50,000		2 Yr(s)	MPI	
RAJCAN-SEPAROVIC, Evica HOLDEN, Jeanette J LEWIS, Suzanne M University of British Columbia B.C. Research Institute for Children Improving the health of children with intellectual disabilities by early identification of genetic causes		\$116,810		5 Yr(s)	CHI	

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<p>SPEERT, David P University of British Columbia Children's & Women's Health Centre of British Columbia The role of innate phagocytic immunity in defense against bacterial infection in humans</p>		\$131,758		5 Yr(s)	MI	
<p>HILL, John S University of British Columbia St. Paul's Hospital, Vancouver Functional analysis of lipase gene expression in human macrophages</p>		\$72,730		3 Yr(s)	M	
<p>PARE, Peter D SEOW, Chun Y University of British Columbia St. Paul's Hospital, Vancouver Human airway smooth muscle function and bronchial hyperresponsiveness, length adaptations in airway smooth muscle</p>	BAI, Tony R	\$121,360		5 Yr(s)	RS	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
WILKINSON, Mark D University of British Columbia St. Paul's Hospital, Vancouver A domain-ontology for ischemic heart disease: Supporting the shared understanding and re-use of research data, knowledge, and models	MCMANUS, Bruce M	\$67,199		3 Yr(s)	GM X	
BRAUER, Michael University of British Columbia Spatial assessment of forest fire smoke exposure and its health effects in the southern interior of British Columbia	DEMERS, Paul A / JACKSON, Peter L / KENNEDY, Susan M / KLINKENBERG, Brian / MACNAB, Ying C	\$50,000		2 Yr(s)	PUB	
BRAYER, Gary D WITHERS, Stephen G University of British Columbia Structure-function studies and mechanism-based inhibitor design for human pancreatic alpha- amylase		\$116,809		5 Yr(s)	BMA	

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BROOKS, Donald E University of British Columbia Charged and neutral polymer brushes as biocompatible coatings: Development and application in blood handling and storage	DEVINE, Dana V / KIZHAKKEDATHU, Jayachandran N	\$125,084		5 Yr(s)	BME	
BRUNETTE, Donald M University of British Columbia Regulation of cell behaviour by surface topography	WATERFIELD, John D	\$117,176		5 Yr(s)	DS	
BURTICK, Leslie D University of British Columbia The structure of gelsolin-capped actin filaments		\$60,723		3 Yr(s)	BMA	
CHANTLER, Janet K University of British Columbia A coxsackievirus vector designed for use in gene therapy of Type 1 Diabetes		\$79,832		3 Yr(s)	M	

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DAVIES, Julian E University of British Columbia Transcription modulation by antibiotics in gram-positive pathogens		\$76,875		4 Yr(s)	BMB	
DOUDET, Doris J University of British Columbia Effects of electroconvulsive therapy in an animal model of Parkinson's Disease		\$54,453		1 Yr(s)	NSB	
DUONG, Frank University of British Columbia Molecular dynamics of protein translocation through the bacterial membrane		\$113,108		3 Yr(s)	MI	
ENSOM, Mary H GUILLEMETTE, Chantal University of British Columbia Pharmacogenetics of mycophenolate in thoracic transplant recipients: Role of UDP- glucuronosyltransferase genetic polymorphisms	LEVY, Robert D / PARTOVI, Nilufar / RIGGS, Kenneth W	\$95,643	\$15,611	3 Yr(s)	PS	

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FELDMAN, Howard MACKENZIE, Ian R University of British Columbia Frontotemporal dementia with ubiquitinated inclusions: Clinical, genetic and pathological characterization	CASHMAN, Neil R / CHRISTOFF, Kalina / HALLAM, Bradley J / HSIUNG, Ging-Yuek R / LEAVITT, Blair R / SADOVNICK, A. Dessa	\$231,908	\$12,425	3 Yr(s)	BCA	
GOLD, Michael R University of British Columbia Signal transduction in B lymphocytes		\$123,900		5 Yr(s)	IT	
GRAF, Peter University of British Columbia Technology usability across the adult lifespan	KLAWE, Maria M / MCGRENERE, Joanna L	\$64,818		3 Yr(s)	SDA	
HAFELI, Urs O University of British Columbia Improving wound healing using a magnetic bandaid to deliver growth factor-releasing microspheres to diabetic ulcers		\$88,384		2 Yr(s)	PS	

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HANCOCK, Robert Ernest W University of British Columbia Design and function of antimicrobial peptides		\$108,527		3 Yr(s)	MI	
HAYDEN, Michael R University of British Columbia Tissue-specific contributions to functions of ABCA1		\$151,581		5 Yr(s)	G	
JURILOFF, Diana M University of British Columbia Mechanisms leading to cleft lip in the A/wySn mouse model	HARRIS, Muriel J / MAGER, Dixie L	\$131,269		5 Yr(s)	DS	
KASTRUKOFF, Lorne F University of British Columbia Natural killer (NK) cells and natural killer T (NKT) cells in Herpes simplex virus Type 1 (HSV 1) infection in mice	TAKEI, Fumio	\$98,400		3 Yr(s)	VVP	

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KENNEDY, Susan M University of British Columbia Assessing knowledge transfer and exchange in occupational health: A case study using mental models	DOWLATABADI, Hadi / NICOL, Anne-Marie / SHOVELLER, Jean A	\$77,939	\$3,823	1 Yr(s)	KTE	
LARJAVA, Hannu S University of British Columbia Function of keratinocyte alpha-v-beta-6 integrin in wound healing	HAKKINEN, Lari	\$141,544		3 Yr(s)	DS	
LECOMTE, Tania University of British Columbia The methamphetamine and psychosis study (MAPS)	GOLDNER, Elliot M / HONER, William G / LANG, Donna J / MACEWAN, William G / MUESER, Kim T / THORNTON, Allen E / WILLIAMS, Richard	\$137,498		3 Yr(s)	PSD	
LI, Gang University of British Columbia Role of ING2 in repair of UV-damaged DNA and melanoma pathogenesis		\$89,473		3 Yr(s)	CBM	

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LIVESLEY, William J University of British Columbia Motivational processes and cognitions associated with personality disorder	JANG, Kerry L	\$70,472		2 Yr(s)	BSB	
MACCALMAN, Colin D University of British Columbia Structure, function and regulation of the cadherin-11 complex in the human placenta		\$99,127	\$2,870	3 Yr(s)	CIA	
MAGEE, Laura A LISTON, Robert M University of British Columbia Birth under 29 weeks': Improving outcomes for mothers and babies	ALLEN, Victoria M / ANSERMINO, John M / BARRETT, Jon / LEE, Shoo K / PIEDBOEUF, Bruno / SMITH, Graeme N / VON DADELSZEN, Peter / WALKER, Mark C	\$122,590		4 Yr(s)	HSR	
MURPHY, Timothy H University of British Columbia Determining the rules for high frequency synaptic signalling at CNS synapses		\$117,854		5 Yr(s)	NSB	

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PHILLIPS, Anthony G University of British Columbia Dopamine and incentive motivation: Links to depression		\$91,278		5 Yr(s)	BSA	
PROUD, Christopher G University of British Columbia Regulation of the MAP kinase-interacting kinases and their roles in the control of gene expression		\$157,809	\$55,063	5 Yr(s)	BMB	
ROBINSON, Wendy P University of British Columbia Prenatally detected chromosome mosaicism	LANGLOIS, Sylvie F / VON DADELSZEN, Peter	\$137,137		5 Yr(s)	G	
ROSKAMS, Jane University of British Columbia Olfactory ensheathing cell-induced mechanisms of regeneration		\$102,787		3 Yr(s)	CBM	

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SONG, Weihong University of British Columbia Regulation of the BACE1 gene expression in the Alzheimer's Disease pathogenesis		\$99,523		3 Yr(s)	BCA	
SOSSI, Vesna University of British Columbia In-vivo studies on disease and treatment- induced changes of levodopa-derived dopamine kinetics and DA transporter expression using a Parkinson's Disease rat model and a microPET	DOUDET, Doris J / LEE, Chong S / RUTH, Thomas J	\$160,281	\$6,870	3 Yr(s)	BSA	
STOESSL, A. Jonathan PHILLIPS, Anthony G University of British Columbia Expectation, the placebo effect and dopamine release in Parkinson's Disease	MCKEOWN, Martin J	\$168,123		5 Yr(s)	BSB	
STRYNADKA, Natalie C University of British Columbia Structural and inhibitory analysis of antibiotic resistance mechanisms in pathogenic bacteria		\$150,306	\$78,150	5 Yr(s)	BMA	

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THORNE, Sally E University of British Columbia Communication in cancer care: The trajectory of interaction between patients and health care professionals	HARRIS, Susan R / HISLOP, T. Gregory / KIM- SING, Charmaine / OLIFFE, John L / STAJDUHAR, Kelli I	\$70,181		3 Yr(s)	PSD	
WARD, Helen LE, Nhu D University of British Columbia A cohort study of nurses' offspring examining adverse reproductive effects and childhood cancer	ARBOUR, Laura T / GALLAGHER, Richard P / RATNER, Pamela A / SPINELLI, John Joseph / TESCHKE, Kay	\$105,022	\$3,500	2 Yr(s)	POP	
DURONIO, Vincent University of British Columbia Vancouver Coastal Health Research Institute Mcl-1 as a regulator of cell cycle progression		\$141,673		3 Yr(s)	MCC	

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WILSON, David R University of British Columbia Vancouver Coastal Health Research Institute Three-dimensional measurement of knee kinematics in vivo: Applications to knee pain and osteoarthritis	CIBERE, Jolanda / KOPEC, Jacek A / MACKAY, Alexander L	\$76,670		3 Yr(s)	BME	
FRAYNE, Richard University of Calgary Foothills Hospital (Calgary) Magnetic resonance-derived tissue markers in human acute ischemic stroke: Understanding the therapeutic tissue window	DEMCHUK, Andrew M / SEVICK, Robert J / SMITH, Michael R	\$129,529	\$41,440	5 Yr(s)	MPI	
BOYD, Steven K University of Calgary In vivo longitudinal micro-architectural assessment and prediction of bone health in osteoporosis		\$62,260		3 Yr(s)	BME	

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BRAUN, Janice E University of Calgary Cysteine string protein activity: A molecular analysis		\$122,959	\$11,400	5 Yr(s)	CP	
DOBSON, Keith S University of Calgary The role of metacognitive awareness in relapse to depression		\$36,640		3 Yr(s)	PSB	
FEWELL, James E University of Calgary Protective responses of the newborn to hypoxia		\$94,940		3 Yr(s)	RS	
FORSYTH, Peter A University of Calgary The neurotrophin receptor p75 mediates invasion in gliomas	SENGER, Donna L	\$115,258		5 Yr(s)	NSA	
FRITZLER, Marvin J University of Calgary Novel late endosome, early lysosome and proteasome autoantigens		\$107,689		5 Yr(s)	CIB	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
FUJITA, Donald J University of Calgary Inhibition of breast cancer cell growth and metastasis through targeted inactivation of src and other critical signaling proteins		\$133,157		3 Yr(s)	MCC	
HOLLENBERG, Morley D University of Calgary Tyrosine kinases, proteinases, their receptors, endothelial diversity and vascular function		\$101,618		4 Yr(s)	CSC	
LOUTZENHISER, Rodger D University of Calgary Myogenic properties of the renal afferent arteriole		\$82,812	\$10,962	5 Yr(s)	EM	
MAXWELL, Colleen J TEARE, Gary F University of Calgary Potentially avoidable hospitalization of institutionalized older persons	HOGAN, David B / LEWIS, Steven J / WALKER, Jennifer D	\$50,280		2 Yr(s)	HSR	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
MCRORY, John E University of Calgary Molecular and biophysical characterization of the CAV1.4 L-type calcium channel		\$84,214		3 Yr(s)	NSB	
MURUVE, Daniel A University of Calgary The role of integrins in progressive kidney disease		\$96,145		3 Yr(s)	EM	
RANCOURT, Derrick E University of Calgary Implantation serine proteinases: Structure and function		\$142,940		5 Yr(s)	G	
RONSKY, Janet L ZERNICKE, Ronald F University of Calgary Predicting scoliosis progression with surface imaging and neural networks	CHERIET, Farida / HARDER, James A / LABELLE, Hubert B / PONCET, Philippe	\$80,313		3 Yr(s)	BME	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
SANTAMARIA, Pere University of Calgary T-cell-tolerance versus the MHC-linked genetic resistance to spontaneous autoimmune diabetes in mice		\$146,608		5 Yr(s)	IT	
TER KEURS, Hendrik E University of Calgary Ca ²⁺ waves induce arrhythmias in non-uniform myocardium		\$82,790		5 Yr(s)	CSA	
TIELEMAN, Dirk P University of Calgary Computer simulations of ABC transporters		\$95,325		5 Yr(s)	BMA	
WALSH, Michael P University of Calgary Mechanisms of regulation of smooth muscle contraction		\$175,322		5 Yr(s)	CP	

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WHELAN, Patrick J University of Calgary Dopaminergic control of locomotion in the neonatal mouse		\$91,025		5 Yr(s)	MOV	
WONG, Sui-Lam University of Calgary Development of two series of engineered thrombolytic agents to achieve fast and complete clot lysis with minimal risk of reocclusion		\$91,758		3 Yr(s)	EM	
ZAMPONI, Gerald W University of Calgary G protein regulation of N-type calcium channels		\$158,973		5 Yr(s)	NSA	
ZOCHODNE, Douglas W University of Calgary Nerve regeneration: Collaboration and signals		\$82,710		5 Yr(s)	NSA	

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HARAUZ, George University of Guelph Structural biology of myelin basic protein (MBP): Effects of lipid and protein interactions, and post-translational modifications in multiple sclerosis	LADIZHANSKY, Vladimir	\$96,434		5 Yr(s)	BMA	
LU, Rui (Ray) University of Guelph Biological function(s) of Luman in human cellular processes and its potential role in herpesvirus infection		\$96,992		3 Yr(s)	VVP	
MERRILL, Allan R ANDERSEN, Gregers University of Guelph Structural elucidation and characterization of bacterial mono-ADP-ribosyltransferases in complex with the ribosome translocase		\$93,357	\$15,000	5 Yr(s)	BMA	

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SUTHERLAND, Robert J University of Lethbridge (Alberta) Hippocampal dentate gyrus damage and cognitive deficits: An evaluation of restoration of function after regrowth of neural circuitry		\$117,788	\$22,600	5 Yr(s)	BSA	
KARDAMI, Elissavet University of Manitoba St. Boniface General Hospital Research Centre (Winnipeg) FGF-2 isoforms in heart repair, hypertrophy, failure		\$115,128		5 Yr(s)	CSA	
DHALLA, Naranjan S University of Manitoba Subcellular remodeling in congestive heart failure		\$125,804		5 Yr(s)	CSC	
FELDMANN, Heinz University of Manitoba The role of hantavirus glycoproteins in pathogenesis and host immune response	DREBOT, Michael A / JONES, Steven M	\$82,697		3 Yr(s)	VVP	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
FRIEL, James K CHIU, Aaron DIEHL-JONES, William L University of Manitoba Human milk has antioxidant properties to protect the premature infant		\$111,573		3 Yr(s)	NUT	
HAVENS, Betty PAYNE, Barbara J University of Manitoba Influenza immunization, an indicator of self- care: Researchers and policy-makers' roles in increasing immunization coverage among older Manitobans and Canadians	GUSE, Lorna W / MENEK, Verena H	\$80,182		3 Yr(s)	HPM	
KIRSHENBAUM, Lorrie A University of Manitoba Cytoprtoective role of nuclear factor kappa beta in heart		\$109,773		5 Yr(s)	CSA	
MAI, Sabine University of Manitoba Mechanisms of genomic instability		\$83,826		3 Yr(s)	MCC	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
MILLS, Rosemary S HASTINGS, Paul D SERBIN, Lisa A University of Manitoba Harnessing and extending Canadian developmental trajectories research on early- emerging internalizing problems	ABELA, John R / COPLAN, Robert / COX, Brian J / ELGAR, Frank J / ETEZADI, Jamshid / FREEMAN, Wendy S / SCHWARTZMAN, Alex E / STACK, Dale M	\$148,290		5 Yr(s)	CHI	
MINK, Steven N BOSE, Deepak JACOBS, Hans K LIGHT, Robert B University of Manitoba Lysozyme: A novel mediator of cardiac adrenergic dysfunction in septic shock		\$74,937	\$24,927	3 Yr(s)	CSB	
NAGY, James I University of Manitoba Regulation of CNS glial connexins and gap junctions	LI, Xinbo / PERREAULT, Helene	\$86,981		3 Yr(s)	NSB	

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NYOMBA, Bulangu Lukuki G University of Manitoba Effects and mechanistic aspects of ethanol on postnatal glucose metabolism in offspring		\$76,129		3 Yr(s)	M	
SAREEN, Jitender University of Manitoba Mental health sequelae of peace keeping operations and correlates of perceived need for mental health treatment in a large population- based sample of Canadian forces personnel	ASMUNDSON, Gordon J / COX, Brian J / STEIN, Murray B	\$29,871		3 Yr(s)	PSB	
SOUSSI GOUNNI, Abdelilah University of Manitoba The molecular basis of igE mediated neutrophil survival in asthma		\$107,609		5 Yr(s)	RS	
TRIGGS-RAINE, Barbara L University of Manitoba Characterization of the role of hyaluronidases in hyaluronan turnover		\$136,860	\$54,447	3 Yr(s)	G	

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BROWN, Earl G University of Ottawa Analysis of convergent evolution in virulent influenza A viruses		\$73,193		3 Yr(s)	VVP	
DUBOIS, Lise PERUSSE, Daniel University of Ottawa Genetic and environmental influences on children's food intake and body weight: A twin study	BOIVIN, Michel / TREMBLAY, Richard E	\$92,207		5 Yr(s)	CHI	
EKKER, Marc University of Ottawa Polymorphism in a dlx homeobox gene enhancer: a mouse model for autism		\$95,300		3 Yr(s)	BSA	
GIBB, William University of Ottawa Mechanisms of action of steroid hormones in human parturition		\$95,161		4 Yr(s)	E	

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LEE, Stephen University of Ottawa VHL loss kidney cancer: Finding novel targets for therapy		\$104,652		3 Yr(s)	CPT	Pending
MERALI, Zulfiquar University of Ottawa Role of peptides in the regulation of food intake: Relationship to stress		\$134,644		5 Yr(s)	BSA	
DE BOLD, Adolfo J University of Ottawa University of Ottawa Heart Institute Regulation of natriuretic peptide gene expression and secretion		\$97,604		5 Yr(s)	CSA	
GLOVER, Christopher A University of Ottawa University of Ottawa Heart Institute Stem cell mobilization by granulocyte colony stimulating factor post myocardial infarction to promote myocyte regeneration	ATKINS, Harold L / BEANLANDS, Rob S / DAVIES, Richard F / DE KEMP, Robert A / LE MAY, Michel Robert	\$140,183		3 Yr(s)	CSB	

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LEENEN, Frans H University of Ottawa University of Ottawa Heart Institute Brain mechanisms and sympathetic hyperactivity in genetic models of salt-sensitive hypertension	TESSON-RULKO, Frédérique / TUANA, Balwant S	\$142,368		5 Yr(s)	CSB	
VAN HUYSSSE, James W University of Ottawa University of Ottawa Heart Institute Roles of the brain Na, K-ATPase alpha isoforms in the regulation of blood pressure		\$91,591	\$20,010	3 Yr(s)	CSB	
WHITMAN, Stewart C University of Ottawa University of Ottawa Heart Institute The role of the immune system in atherosclerosis: Bacterial pathogens and the participatory function of toll-like receptors and caspase-1 in the disease process		\$107,518		5 Yr(s)	CSC	

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HADJISTAVROPOULOS, Thomas University of Regina (Saskatchewan) The impact of fear of pain and fear of falling among seniors with moderate to severe dementia	ASMUNDSON, Gordon J / MCCREARY, Donald R	\$68,076		3 Yr(s)	SDA	
BLACKBURN, David F University of Saskatchewan Atenolol and mortality in CHF (AM-CHF)	BLACKBURN, James (Jim) L / DOBSON, Roy T / MAMDANI, Muhammad M / STANG, Mary Rose / WILSON, Thomas W	\$82,000		2 Yr(s)	PUB	
BONHAM, Keith K University of Saskatchewan Transcriptional repression of the SRC promoter locus by histone deacetylase inhibitors		\$98,933		5 Yr(s)	BMB	
DIMMOCK, Jonathan R University of Saskatchewan Mannich bases and related compounds: A quest for candidate drugs possessing selective toxicity for malignant cells and immunosuppressant properties		\$110,782	\$5,500	5 Yr(s)	PS	

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GORDON, John R University of Saskatchewan Mechanisms mediating the therapeutic effects of tolerogenic dendritic cells in allergic asthma		\$112,725		3 Yr(s)	IT	
LUO, Yu University of Saskatchewan RecA-like recombinases: Structure, design and mechanism		\$130,134	\$11,622	5 Yr(s)	BMA	
VERGE, Valerie M University of Saskatchewan Sensory neuron injury, repair and maladaptive consequences: Role of neurotrophins		\$123,692	\$46,000	3 Yr(s)	NSB	
XIAO, Wei University of Saskatchewan Roles of mammalian mms2-ubc13 complex in DNA postreplication repair and tumorigenesis		\$134,192		5 Yr(s)	G	

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CHOW, Eva W University of Toronto The Centre for Addiction & Mental Health (Toronto) 22q11 Deletion Syndrome: Children at high risk for psychiatric disorders	BASSETT, Anne S / CRAWLEY, Adrian P / FREEMAN, Roger D / LANGLOIS, Sylvie F / MIKULIS, David J / YOUNG, Donald A	\$81,508		3 Yr(s)	CHI	
ANDREWS, Brenda J University of Toronto Integration of cell division and gene expression		\$161,318		5 Yr(s)	MCC	
ANGUS, Jan E University of Toronto Locating barriers and supports to maintenance of risk modification in coronary heart disease (CHD)	MICHEL, Isabelle / NOLAN, Robert P / RUKHOLM, Ellen E	\$76,932		2 Yr(s) 6 Mths	PSB	

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BEISER, Morton ARMSTRONG, Robert (Bob) W OGILVIE, Linda D OXMAN-MARTINEZ, Jacqueline RUMMENS, Joanna (Anneke) W University of Toronto New Canadian Children and Youth Study (NCCYS)	ANCHAN, John / ARTHUR, Nancy M / BLUM, Esther / ESTE, David C / FENTA, Haile / FRIDERES, James (Jim) S / GEORGE, Anne M / GRAVEL, Sylvie / HALLI, Shivalingappa S / HAMILTON, Hayley A / HRYCAK, Nina / HUMPHREY, Charles K / KHANLOU, Nazila / LACROIX, Marie / SIMICH, Laura L / TROVATO, Frank / WILKINSON, Lori A / WU, Joe	\$693,662		2 Yr(s)	PSD	
BELSHAM, Denise D University of Toronto Sensing of peripheral nutrient status by the hypothalamus		\$96,288		3 Yr(s)	M	

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BOGNAR, Andrew L University of Toronto Regulation of one-carbon metabolism		\$82,791		3 Yr(s)	NUT	
COTT, Cheryl A University of Toronto Client-centred rehabilitation: Four case studies of in-patient rehabilitation	JAGLAL, Susan B / LANDRY, Michel / MCGILTON, Katherine S / TEARE, Gary F / WODCHIS, Walter P	\$91,668		2 Yr(s)	HSI	
COYTE, Peter C GUERRIERE, Denise N University of Toronto Cost and quality of variations in ambulatory and home-based palliative care	ADAMS, Deborah J / BRENNEIS, Carleen / CROXFORD, Ruth / FAINSINGER, Robin L / FASSBENDER, Konrad / LAPORTE, Audrey / LIBRACH, Sydney L / WAGNER, Frank	\$97,457		3 Yr(s)	HSI	
CVITKOVITCH, Dennis G University of Toronto Acid tolerance mechanisms of Streptococcus mutans		\$139,133		5 Yr(s)	DS	

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GLOGAUER, Michael University of Toronto Identifying the roles of rac1 and rac2 in neutrophil chemotaxis and recruitment to sites of infection		\$132,430		5 Yr(s)	DS	
GODT, Dorothea A University of Toronto Cadherin function in cell surface organization		\$127,805	\$14,648	3 Yr(s)	DEV	
GRAY-OWEN, Scott D University of Toronto Gonococcal opa protein binding to the CEACAM1 (CD66a) co-inhibitory receptor: Impact on infection and immunity		\$110,674	\$9,000	5 Yr(s)	MI	
HOURY, Walid A University of Toronto Regulation of hsp90 molecular chaperone activity: The role of novel cofactors linking the chaperone function to chromatin remodeling		\$94,374		3 Yr(s)	CP	

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IRETON, Keith University of Toronto Molecular mechanisms of entry of the bacterial pathogen <i>Listeria monocytogenes</i>		\$97,288		3 Yr(s)	MI	
JENKINS, David J University of Toronto Lipoprotein turnover on high and low fat portfolio diets	KENDALL, Cyril W / LAMARCHE, Benoît	\$147,871		3 Yr(s)	NUT	
LEVINE, Joel D University of Toronto Social influence of circadian clocks in <i>Drosophila</i>		\$86,287		5 Yr(s)	NSB	
MCPHERSON, John P University of Toronto The role of bcl2-associated transcription factor (btf) in erythrocyte development and function		\$91,543	\$31,846	3 Yr(s)	DEV	

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MITCHELL, Jane A University of Toronto Glucocorticoid regulation of G protein-activated phospholipase C and glucocorticoid-induced osteoporosis		\$115,145		4 Yr(s)	PT	
SCHMITT-ULMS, Gerold University of Toronto Probing the raft proteome for insights into the etiology of Alzheimer's Disease and prion diseases		\$101,721		5 Yr(s)	BMA	
SEEMAN, Philip University of Toronto The high-affinity state of the dopamine D2 receptor after treatments that alter the response to dopamine mimetics		\$104,017		3 Yr(s)	BSA	
ST. GEORGE-HYSLOP, Peter H University of Toronto Genetic linkage studies in familial Alzheimer's Disease	ROGAEVA, Ekaterina	\$196,838	\$5,000	5 Yr(s)	G	

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STANFORD, William L AUBIN, Jane E BRUNEAU, Benoit G HUGHES, Timothy R ROSSANT, Janet University of Toronto The Centre for Modeling Human Disease Gene Trap Resource		\$366,808		3 Yr(s)	GM X	
STANFORD, William L BARBER, Dwayne L PAULSON, Robert F WANG, Chen University of Toronto Phenotype-driven generation and analysis of mouse models of human hematopoietic diseases	CYBULSKY, Myron I / MCNAGNY, Kelly M / MINDEN, Mark D	\$169,388		5 Yr(s)	DEV	
WATTS, Tania H University of Toronto Costimulation of human T cell responses		\$87,081		5 Yr(s)	IT	

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WELLS, Peter G HENDERSON, Jeffrey T University of Toronto Free radical determinants of neurodegenerative disease		\$116,076	\$80,000	5 Yr(s)	PS	
WESTAWAY, David University of Toronto Genomic dissection of the gamma-secretase enzyme family		\$87,810	\$3,000	3 Yr(s)	NSA	
WODCHIS, Walter P University of Toronto Strategic resource allocations to nurse staffing and education: Implications for quality and cost performance in hospital-based long term care	ANDERSON, Geoffrey M / MCGILLIS HALL, Linda / PINK, George H / TEARE, Gary F	\$50,000		2 Yr(s)	HPM	
WOODHOUSE, Kimberly A ZANDSTRA, Peter W University of Toronto 3-dimensional biodegradable polyurethane matrices to support the integration of stem cell derived cardiomyocytes in an ischemic heart	RABOLT, John F	\$132,181	\$45,000	5 Yr(s)	BME	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
CHAPPELL, Neena L University of Victoria (British Columbia) Individualized care for dementia sufferers in long-term care - what's best for the resident?	KADLEC, Helena / REID, Robert C	\$103,556		3 Yr(s)	SDA	
ROOTMAN, Irving BEGORAY, Deborah L University of Victoria (British Columbia) Development of measures of health literacy for Canadian schools	FRANKISH, Charles J / LIPKA, Orly / MACDONALD, Marjorie A / SHOVELLER, Jean A / VUKOVIC, Rose K / WHARF HIGGINS, Joan / ZUMBO, Bruno D	\$100,546		3 Yr(s)	CHI	
COOK, Richard J University of Waterloo (Ontario) Methods for the analysis of complex life history data		\$99,071		5 Yr(s)	POP	
DUNCKER, Bernard P University of Waterloo (Ontario) Functional characterization of ORC subunits		\$84,645		3 Yr(s)	CBM	

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<p>BERUBE, Nathalie G University of Western Ontario London Health Sciences Centre (London, Ontario) The role of the ATRX mental retardation gene in hippocampal development</p>		\$98,227		3 Yr(s)	NSB	
<p>PIN, Christopher L University of Western Ontario London Health Sciences Centre (London, Ontario) The role of mist1 in regulating exocrine pancreatic function and susceptibility to pancreatitis</p>		\$100,000		3 Yr(s)	CBM	
<p>MYMRYK, Joseph S University of Western Ontario London Regional Cancer Program Molecular genetic analysis of adenovirus E1A function</p>		\$109,086		5 Yr(s)	MCC	

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CANHAM, Peter B University of Western Ontario Brain arteries and aneurysms: Microscopic structure and analysis of extracellular matrix proteins	FERGUSON, Gary G / LUCAS, Alexandra R	\$78,091	\$24,398	3 Yr(s)	BME	
CHAN, Bosco M University of Western Ontario In vivo assessment of the regulation of chemokinetic and chemotactic response to local growth factor production	MORRIS, Vincent L	\$119,392		5 Yr(s)	CBM	
CHIDIAC, Peter University of Western Ontario RGS proteins in the heart		\$100,597		3 Yr(s)	CSA	
CHOY, Wing-Yiu University of Western Ontario Structural characterization and dynamical studies of naturally disordered proteins using NMR spectroscopy		\$100,204		3 Yr(s)	BMA	

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DIMATTIA, Gabriel E University of Western Ontario The role of stanniocalcin hormones in bone growth and development		\$106,400		3 Yr(s)	E	
DRYSDALE, Thomas A University of Western Ontario The role of retinoic acid in cardiac development and physiology		\$99,527		5 Yr(s)	CSA	
ELLIS, Christopher G University of Western Ontario Optical imaging of microvascular oxygen transport in skeletal muscle	GOLDMAN, Daniel	\$52,684		3 Yr(s)	MPI	
EVERLING, Stefan University of Western Ontario Functional organization of the primate prefrontal cortex investigated with functional magnetic resonance imaging		\$92,244		3 Yr(s)	BSC	

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FLINTOFF, Wayne F University of Western Ontario Structure and function of the reduced folate carrier		\$97,457		3 Yr(s)	NUT	
GRIBBLE, Paul L University of Western Ontario Computational mechanisms of motor learning		\$68,702		5 Yr(s)	BSC	
HANIFORD, David B University of Western Ontario Molecular mechanism of tn10 and tn5 transposition		\$148,453		5 Yr(s)	BMB	
HILL, Kathleen A University of Western Ontario Hormesis in mouse models of neurodegeneration and shortened lifespan: A novel anti-aging strategy		\$86,533		3 Yr(s)	BCA	

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JEVNIKAR, Anthony M University of Western Ontario Regulation of renal tubular epithelial cell injury to promote kidney allograft survival	DU, Caigan	\$122,987		5 Yr(s)	IT	
JUTAI, Jeffrey W University of Western Ontario Dynamic program approach to modeling assistive technology device outcomes in low vision rehabilitation	ARIIZUMI, Hideki / STRONG, James G	\$50,000		3 Yr(s)	HSI	
KOROPATNICK, D. James University of Western Ontario Metallothionein in monocyte function, hormone responsiveness, and signal transduction protein activity		\$101,382		3 Yr(s)	PT	
LAIRD, Dale W BAI, Donglin BERNIER, Suzanne M KIDDER, Gerald M University of Western Ontario Cx43 mutations linked to human disease		\$136,277	\$6,399	4 Yr(s)	DS	

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LANIUS, Ruth A University of Western Ontario Neuroimaging of pain in posttraumatic stress disorder and borderline personality disorder	CECHETTO, David F / COUPLAND, Nicholas J / HEGADOREN, Kathleen M / NEUFELD, Richard W / WILLIAMSON, Peter C	\$81,687		3 Yr(s)	BSB	
WANG, Rennian University of Western Ontario Pancreatic beta-cell development: Role of the c- kit receptor tyrosine kinase and its ligand		\$100,576		3 Yr(s)	M	
WEKERLE, Christine M University of Western Ontario Maltreatment and adolescent pathways longitudinal study	BOYLE, Michael H / LEUNG, Erman / MACMILLAN, Harriet L / TROCME, Nico / WALL, Anne-Marie	\$178,522	\$11,032	5 Yr(s)	GSH	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
MAZIADE, Michel G Université Laval Centre de recherche Université Laval-Robert-Giffard (QC) Down-top generational paradigm to search for valid neurocognitive endophenotypes in multigenerational families: From the offspring of the older generations	BOUTIN, Pierrette / GINGRAS, Nathalie / MERETTE, Chantal / ROULEAU, Nancie / ROY, Marc-André	\$76,770		5 Yr(s)	BSB	
MAZIADE, Michel G MERETTE, Chantal Université Laval Centre de recherche Université Laval-Robert-Giffard (QC) Genetic and phenotypic heterogeneity in eastern Quebec multigenerational pedigrees affected by schizophrenia or bipolar disorder	CHAGNON, Yvon C / ROY, Marc-André	\$161,813		5 Yr(s)	BSB	
SACHDEV, Robert N Université Laval Centre de recherche Université Laval-Robert-Giffard (QC) Whisker movement and sensation		\$75,727	\$35,692	3 Yr(s)	NSB	Pending

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FRADET, Yves Université Laval Centre de recherche de L'Hôtel-Dieu de Québec Cancer testis antigen-based immunotherapy of bladder cancer	BERGERON, Alain / LACOMBE, Louis / LARUE, Hélène	\$98,902		3 Yr(s)	CPT	
JEANNOTTE, Lucie Université Laval Centre de recherche de L'Hôtel-Dieu de Québec Analysis of hoxa5 gene function in mammalian organogenesis	AUBIN, Josée	\$137,660		3 Yr(s)	DEV	
MARCEAU, François Université Laval Centre de recherche de L'Hôtel-Dieu de Québec Ion trapping and cell vacuolization: Consequences for the safety and efficacy of basic drugs		\$90,279		3 Yr(s)	PT	

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CALON, Frederic Université Laval Centre hospitalier de l'Université Laval (Québec) Omega-3 fatty acids, oxidative stress and dendritic pathology in Alzheimer's Disease		\$91,442		3 Yr(s)	BCA	
DE WALIS, Philippe Université Laval Centre hospitalier de l'Université Laval (Québec) Évaluation de l'impact du programme d'immunisation avec le vaccin pneumococcique conjugué et le vaccin influenza inactivé chez les enfants du Nunavik (projet pilote)	AYUKAWA, Hannah M / PROULX, Jean-Francois	\$24,343		2 Yr(s)	POP	
LEVALLOIS, Patrick J Université Laval Centre hospitalier de l'Université Laval (Québec) Chlorination by-products and intra-uterine growth retardation	MARCOUX, Sylvie / RODRIGUEZ, Manuel J / TARDIF, Robert	\$94,177	\$4,350	4 Yr(s)	POP	

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MARCEAU, Normand L Université Laval Centre hospitalier de l'Université Laval (Québec) Keratins 8/18 in the liver: Apoptosis and disease association		\$126,731	\$38,195	5 Yr(s)	CBM	
NGUYEN, Minh D Université Laval Centre hospitalier de l'Université Laval (Québec) Defining the functions of P600 in the developing and adult central nervous system		\$106,194		3 Yr(s)	NSB	Pending
PAPADOPOULOU, Barbara Université Laval Centre hospitalier de l'Université Laval (Québec) Developmental regulation of gene expression in the parasitic protozoan Leishmania		\$128,822	\$13,334	5 Yr(s)	BMB	

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<p>POIRIER, Guy G Université Laval Centre hospitalier de l'Université Laval (Québec) Interplay between sensing, signaling and repair of double-strand breaks in human cells</p>	<p>HENDZEL, Michael J / MASSON, Jean-Yves</p>	<p>\$136,284</p>		<p>3 Yr(s)</p>	<p>MCC</p>	
<p>POUBELLE, Patrice-Édouard Université Laval Centre hospitalier de l'Université Laval (Québec) Mécanismes impliquant le neutrophile dans la résorption osseuse locale des arthropathies inflammatoires chroniques</p>		<p>\$108,672</p>		<p>3 Yr(s)</p>	<p>CIB</p>	
<p>TREMBLAY, Yves Université Laval Centre hospitalier de l'Université Laval (Québec) Expression profiling of androgen-regulated genes in the mouse developing lung during the initial events leading to a sex difference in the surge of surfactant production</p>	<p>KHAN, Paul A / PIEDBOEUF, Bruno</p>	<p>\$104,215</p>		<p>4 Yr(s)</p>	<p>GSH</p>	

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BOGATY, Peter Université Laval Hôpital Laval (Québec) Investigation of fluctuations in inflammatory markers in stable subjects across the clinical spectrum of ischemic heart disease	BROPHY, James M / DAGENAI, Gilles R / FILEP, Janos G / JOSEPH, Lawrence	\$80,114		3 Yr(s)	CSB	
COUET, Jacques Université Laval Hôpital Laval (Québec) Aortic valve stenosis in small animal models	ARSENAULT, Marie	\$90,666		3 Yr(s)	CSB	
ISENRING, Paul Université Laval Hôtel-Dieu de Québec Molecular characterization of NKCC1 and oCCC1/CIP1		\$113,982	\$10,600	5 Yr(s)	CSA	
GERMAIN, Lucie Université Laval Production de cornée reconstruite in vitro par génie tissulaire pour l'étude de la cicatrisation cornéenne	AUGER, François A / GUERIN, Sylvain L	\$126,649		5 Yr(s)	CIA	

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OUELLETTE, Marc Université Laval Drug resistance mechanisms in the human pathogen Leishmania		\$134,218		5 Yr(s)	MI	
RIVEST, Serge Université Laval Neuronal circuitry and molecular mechanisms involved in the neuroendocrine-immune interaction		\$182,610		5 Yr(s)	E	
SULLIVAN, Robert Université Laval A primate animal model for the development of a contraceptive strategy applicable to men		\$101,580		3 Yr(s)	E	
TCHERNOF, André Université Laval Adipose tissue as an intracrine organ: Impact of local androgen and progesterone metabolism	LUU-THE, Van	\$75,960		3 Yr(s)	M	

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BUTTERWORTH, Roger F Université de Montréal Centre Hosp. de l'Université de Montréal (CHUM) Further studies of vascular factors in the pathogenesis of selective neuronal cell death due to impaired oxidative metabolism		\$81,426		3 Yr(s)	NUT	
COLLIN, Johanne Université de Montréal Hypertension, circulation des savoirs sur les médicaments et perception du risque	BEAULIEU, Marie- Dominique / DOUCET, Hubert / LAURIER, Claudine / MONNAIS- ROUSSELOT, Laurence A / PROULX, Michelle	\$83,009		3 Yr(s)	PSD	
DE LEAN, André Université de Montréal Signal recognition and transduction of natriuretic peptides		\$103,527		4 Yr(s)	PT	

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DENIS, Jean-Louis Université de Montréal Governing change and changing governance in health care systems and organizations	CONTANDRIOPOULOS, Damien / DUBOIS, Carl- Ardy / FULOP, Naomi / LAMOTHE, Lise / LANGLEY, Ann	\$53,929	\$3,500	3 Yr(s)	HPM	
DROLET, Marc Université de Montréal DNA topoisomerase I and RNase HI in bacterial gene expression during stresses		\$96,538		5 Yr(s)	BMB	
FORGET, Robert FAUBERT, Jocelyn Université de Montréal Perception of simple and complex visual stimuli in children after a mild traumatic brain injury	GAGNON, Isabelle	\$20,972		1 Yr(s) 6 Mths	CHI	
GOSSARD, Jean-Pierre Université de Montréal Differential transmission in primary afferent terminals		\$98,237	\$68,033	5 Yr(s)	MOV	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
KEILLOR, Jeffrey W Université de Montréal A method for fluorescent labelling of gene products to monitor their expression and interactions	MICHNICK, Stephen W	\$89,749		3 Yr(s)	BMA	
LABBE, Jean-Claude Université de Montréal Establishment and maintenance of cell polarity in C. elegans		\$93,127		3 Yr(s)	DEV	
LAMOTHE, Lise BROUSSELLE, Astrid M Université de Montréal Analyse des processus d'intégration des soins et services de 2e et 3e lignes pour les personnes souffrant de troubles concomitants de santé mentale et de toxicomanie	BROWN, Thomas G / MERCIER, Céline / PERREAULT, Michel	\$60,536	\$7,800	3 Yr(s)	HSR	
OMICHIANSKI, James G Université de Montréal Structural and functional studies of protein/protein and protein/DNA interactions regulating hematopoietic development		\$132,309		5 Yr(s)	BMB	

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PTITO, Maurice Université de Montréal Les mécanismes cérébraux de la perception du mouvement	CASANOVA, Christian F	\$87,137		5 Yr(s)	BSC	
RICHARD, Lucie Université de Montréal Implementing the ecological approach in health promotion and disease prevention programs for the older adults: A case study	DENIS, Jean-Louis / DUCHARME, Francine C / GAUVIN, Lise / GOSSELIN, Celine	\$58,768		2 Yr(s)	HSR	
SERVANT, Marc Université de Montréal Role(s) of interferon regulatory factor-3 and NF-kappaB transcription factors in the induction of pro-atherosclerotic conditions by classical and emerging risk factors		\$108,000		4 Yr(s)	CSC	

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ZUNZUNEGUI, Maria-Victoria Université de Montréal Health differences in later life: A study of gender and social exclusion as determinants of health and functioning in the urban elderly populations of Latin America	COPPIN, Antonia / ESTHER MARIA LEON DIAZ, Techy / FROHLICH, Katherine L / GUERRA, Ricardo O / HAM- CHANDE, Roberto / HENNIS, Anselm / JOHRI, Mira / MARIN, Pedro P / VISSANDJEE, Bilkis	\$57,156		2 Yr(s)	GSH	
CARON, Chantal D Université de Sherbrooke Centre de recherche sur le vieillissement (QC) Development of a theoretical model explaining family caregiver decision-making regarding institutionalisation of a relative with dementia	DUCHARME, Francine C / DUHAMEL, André	\$50,000		3 Yr(s)	SDA	
CARPENTIER, André Université de Sherbrooke Centre hospitalier universitaire de Sherbrooke Investigation of the abnormalities of postprandial free fatty acid metabolism very early in the natural history of Type 2 Diabetes Mellitus		\$136,970		3 Yr(s)	M	

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DUMAINE, Robert Université de Sherbrooke Centre hospitalier universitaire de Sherbrooke Identification and role of neuronal sodium channels in the heart		\$95,016		5 Yr(s)	CSA	
MOUTQUIN, Jean-Marie TURGEON-O'BRIEN, Huguette Université de Sherbrooke Centre hospitalier universitaire de Sherbrooke Maternal stress and preterm births in Eastern Townships. A feasibility pilot study	BELL, Linda / DE WALS, Philippe / DUBÉ, Jean / KHARFI, Abdelaziz / LARIVÉE, Pierre / TESSIER, Réjean	\$50,000		1 Yr(s)	POP	
BLOUIN, Richard Université de Sherbrooke Activation mechanisms of the mixed-lineage kinase DLK/Mécanismes d'activation de la mixed-lineage kinase DLK		\$99,509		4 Yr(s)	CP	
BOISSONNEAULT, Guylain Université de Sherbrooke Transient DNA strand breaks in spermatids		\$88,232		3 Yr(s)	E	

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BRAVO, Gina Université de Sherbrooke Substitute consent for research involving decisionally incapacitated older adults: A nationwide study of knowledge, opinion and practices	COHEN, Carole A / GRAHAM, Janice E / WILDEMAN, Sheila M	\$118,675		2 Yr(s) 6 Mths	ELH	
CHABOT, Benoit Université de Sherbrooke The function of yeast introns / la fonction des introns chez la levure	ABOU ELELA, Sherif	\$119,390		3 Yr(s)	GM X	
CHRAIBI, Ahmed Université de Sherbrooke Mécanismes moléculaires de la régulation extracellulaire du canal sodique épithélial sensible à l'amiloride (ENaC)		\$81,098		3 Yr(s)	CP	
DE BRUM-FERNANDES, Artur J Université de Sherbrooke Anabolic properties of prostaglandin D2 in human bone	PARENT, Jean-Luc / ROUX, Sophie	\$133,774		3 Yr(s)	CIB	

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GRANDBOIS, Michel Université de Sherbrooke Biomechanical implication of advanced glycation end-products in diabetic complications.		\$91,696	\$29,000	3 Yr(s)	BME	
LEPAGE, Martin Université de Sherbrooke A novel platform of magnetic resonance imaging contrast agents for non-invasive in vivo monitoring of MMP activity: From synthesis to in vivo imaging	ESCHER, Emanuel / PAQUETTE, Benoît	\$83,897		3 Yr(s)	MPI	
ROUCOU, Xavier Université de Sherbrooke Molecular activity of prion protein oligomers in health and diseases		\$87,882	\$41,950	3 Yr(s)	CBM	
SARRET, Philippe Université de Sherbrooke Régulation des récepteurs de la neurotensine: implication dans le contrôle de la douleur		\$103,417		3 Yr(s)	NSB	

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WELLINGER, Raymund J Université de Sherbrooke Structure and function of the yeast telomerase RNA		\$127,143		3 Yr(s)	BMB	
AVERILL-BATES, Diana A Université du Québec à Montréal Induction of apoptosis by the toxic aldehyde acrolein		\$84,870		3 Yr(s)	PT	
BRISSETTE, Louise Université du Québec à Montréal Elucidation of the physiological role of SR-BI and CD36 in the hepatic cell		\$97,113		3 Yr(s)	M	
MERGLER, Donna Université du Québec à Montréal Effects of methylmercury exposure on visual functions in the Brazilian Amazon	FAUBERT, Jocelyn / FRENETTE, Benoit / GUIMARAES, Jean Rémy D / RENAUD, Judith	\$146,578		3 Yr(s)	PUB	
RASSART, Eric Université du Québec à Montréal Structure and function of apolipoprotein D		\$110,874		3 Yr(s)	M	

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JOHNSON, Philip E York University (Toronto, Ontario) Structural investigations of RNA-protein complexes and RNA-binding proteins		\$102,869		3 Yr(s)	BMA	
PENG, Chun York University (Toronto, Ontario) Chacterization of the nodal signaling pathway in epithelial ovarian cancer cells		\$75,768	\$10,491	3 Yr(s)	E	
SCHEID, Michael P York University (Toronto, Ontario) Novel mechanisms of PDK1 regulation and substrate phosphorylation		\$95,614		3 Yr(s)	MCC	
SERGIO, Lauren E York University (Toronto, Ontario) Stages of visuomotor transformation in human and non-human primates		\$109,380		5 Yr(s)	MOV	

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Peer Review Committees

PRC	Name
ABH	Aboriginal Peoples' Health
BCA	Biological and Clinical Aspects of Aging
BMA	Biochemistry & Molecular Biology - A
BMB	Biochemistry & Molecular Biology - B
BME	Biomedical Engineering
BSA	Behavioural Sciences - A
BSB	Behavioural Sciences - B
BSC	Behavioural Sciences - C
CBM	Cell Biology and Mechanisms of Disease (formerly PM)
CHI	Children's Health
CIA	Clinical Investigation - A
CIB	Clinical Investigation - B
CP	Cell Physiology
CPT	Cancer Progression and Therapeutics (formerly Cancer B)
CSA	Cardiovascular System - A
CSB	Cardiovascular System - B
CSC	Cardiovascular System - C
DEV	Developmental Biology
DS	Dental Sciences
E	Endocrinology
ELH	Health Ethics, Law and Humanities
EM	Experimental Medicine
G	Genetics
GMX	Genomics
GSH	Gender, Sex and Health
HPM	Health Policy and Systems Management Research
HSI	Health Services Evaluation and Interventions Research - B
HSR	Health Services Evaluation and Interventions Research - A
HUP	Humanities, Perspectives on Health

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IT	Immunology and Transplantation
KTE	Knowledge Translation and Exchange
M	Metabolism
MCC	Molecular and Cellular Biology of Cancer (formerly Cancer A)
MI	Microbiology and Infectious Diseases
MOV	Movement and Exercise
MPI	Medical Physics and Imaging
NSA	Neurosciences - A
NSB	Neurosciences - B
NUT	Nutrition, Food and Health
POP	Public, Community and Population Health - A
PS	Pharmaceutical Sciences
PSB	Psychosocial, Sociocultural and Behavioural Determinants of Health - A
PSD	Psychosocial, Sociocultural and Behavioural Determinants of Health - B
PT	Pharmacology and Toxicology
PUB	Public, Community and Population Health - B
RS	Respiratory System
SDA	Social Dimensions in Aging
VVP	Virology & Viral Pathogenesis

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