



Results of the 15/09/2004 Operating Grants Competition

Updated: 10/11/2005

PRC **	Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s), Associate(s)	Average Annual Operating Amount	Equipment	Term	Status
ABH	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)	
BCA	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	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)	

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	BCA 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 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 JANSSEN, Ian M Queen's University (Kingston, Ontario) Obesity, sarcopenia, and health risk in the elderly		\$53,248	\$5,000	3 Yr(s)	
	BCA LU, Wei-Yang Sunnybrook and Women's College Health Sciences Ctr Acetylcholinesterase in brain aging		\$114,149		3 Yr(s)	

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BCA	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	SONG, Weihong University of British Columbia Regulation of the BACE1 gene expression in the Alzheimer's Disease pathogenesis		\$99,523		3 Yr(s)	
BCA	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)	
BMA	BEARNE, Stephen L Dalhousie University (Nova Scotia) Mechanisms and inhibition of enzymes involved in pyrimidine and purine biosynthesis		\$107,010		3 Yr(s)	

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	BMA 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 BURTNICK, Leslie D University of British Columbia The structure of gelsolin-capped actin filaments		\$60,723		3 Yr(s)	
	BMA 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 COULTON, James W McGill University Structural biology of bacterial membrane protein complexes		\$116,169		3 Yr(s)	

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	BMA DAVIES, Peter L Queen's University (Kingston, Ontario) Calcium-activated proteases in health and disease		\$149,115		5 Yr(s)	
	BMA FORMAN-KAY, Julie D Hospital for Sick Children (Toronto) Experimental and computational studies of disordered states of proteins		\$136,977		5 Yr(s)	
	BMA 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 IKURA, Mitsuhiko University Health Network (Toronto) Ontario Cancer Institute (Toronto) Signaling mechanisms of bacteria stress response		\$80,773		3 Yr(s)	

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	BMA 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 JOHNSON, Philip E York University (Toronto, Ontario) Structural investigations of RNA-protein complexes and RNA-binding proteins		\$102,869		3 Yr(s)	
	BMA JUNOP, Murray S McMaster University Crystallographic studies of DNA repair proteins involved in non-homologous DNA end joining		\$97,080		3 Yr(s)	
	BMA 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)	

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	BMA LUO, Yu University of Saskatchewan RecA-like recombinases: Structure, design and mechanism		\$130,134	\$11,622	5 Yr(s)	
	BMA MACMILLAN, Andrew M University of Alberta Structural and functional characterization of spliceosome assembly and activation		\$99,589	\$17,123	5 Yr(s)	
	BMA 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 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)	

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	BMA 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 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 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 TIELEMAN, Dirk P University of Calgary Computer simulations of ABC transporters		\$95,325		5 Yr(s)	
	BMA WEINER, Joel H University of Alberta Bacterial complex II homologs as models for mitochondrial electron transfer		\$106,227		3 Yr(s)	

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BMA	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)	
BMB	BONHAM, Keith K University of Saskatchewan Transcriptional repression of the SRC promoter locus by histone deacetylase inhibitors		\$98,933		5 Yr(s)	
BMB	DAVIES, Julian E University of British Columbia Transcription modulation by antibiotics in gram-positive pathogens		\$76,875		4 Yr(s)	
BMB	DROLET, Marc Université de Montréal DNA topoisomerase I and RNase HI in bacterial gene expression during stresses		\$96,538		5 Yr(s)	
BMB	HANIFORD, David B University of Western Ontario Molecular mechanism of tn10 and tn5 transposition		\$148,453		5 Yr(s)	

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BMB	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	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		\$94,423		5 Yr(s)	
BMB	LIU, Paul X Dalhousie University (Nova Scotia) Inteins and protein splicing		\$121,737		5 Yr(s)	
BMB	MARCZYNSKI, Gregory T McGill University Developmental and cell-cycle control of chromosome replication		\$139,277	\$20,760	5 Yr(s)	

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	BMB OMICHINSKI, 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 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 PELLETIER, Jerry M McGill University Translation initiation and cancer: Role of the ribosome recruitment step		\$140,858		5 Yr(s)	
	BMB 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)	

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BMB	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	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	WELLINGER, Raymund J Université de Sherbrooke Structure and function of the yeast telomerase RNA		\$127,143		3 Yr(s)	
BMB	WILSON, Kevin S University of Alberta Regulation of ribosomal translocation by translation factor EF-G and GTP hydrolysis		\$119,365		5 Yr(s)	

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	BME 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 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 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 GALIANA, Henrietta L McGill University The role of CNS topology in sensory-motor control strategies		\$78,822		4 Yr(s)	

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	BME GRANDBOIS, Michel Université de Sherbrooke Biomechanical implication of advanced glycation end-products in diabetic complications.		\$91,696	\$29,000	3 Yr(s)	
	BME 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 ULUDAG, Hasan University of Alberta Peptide-guided polymeric carriers of DNA for gene therapy		\$104,246		3 Yr(s)	
	BME 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)	

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BME	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)	
BSA	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	EKKER, Marc University of Ottawa Polymorphism in a dlx homeobox gene enhancer: a mouse model for autism		\$95,300		3 Yr(s)	
BSA	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)	

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BSA	JOSELYN, Sheena A Hospital for Sick Children (Toronto) The role of the transcription factor CREB in mammalian memory		\$109,306		3 Yr(s)	
BSA	MEANEY, Michael J Douglas Hospital Research Centre (Verdun, Québec) Estrogen receptor alpha and individual differences in maternal behaviour		\$104,849		3 Yr(s)	
BSA	MERALI, Zulfiqar University of Ottawa Role of peptides in the regulation of food intake: Relationship to stress		\$134,644		5 Yr(s)	
BSA	NADER, Karim K McGill University Towards an understanding of reconsolidation		\$127,428		5 Yr(s)	
BSA	NGUYEN, Peter V University of Alberta Mouse models of memory impairment		\$106,001	\$18,818	3 Yr(s)	

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BSA	PFAUS, James G Concordia University (Montreal, Quebec) Neural and behavioural mechanisms of conditioned sexual response		\$93,070	\$38,155	4 Yr(s)	
BSA	PHILLIPS, Anthony G University of British Columbia Dopamine and incentive motivation: Links to depression		\$91,278		5 Yr(s)	
BSA	POULTER, Michael O Carleton University (Ottawa) Dysregulated GABA-A, CRH and 5HT receptor mRNA expression in human depression and suicide	ANISMAN, Hymie / DU, Lisheng / MERALI, Zulfiqar / SZYF, Moshe	\$123,862		5 Yr(s)	
BSA	SAKIC, Boris McMaster University Brain-reactive autoantibodies: Origin, structure, and effects on behaviour	MACRI, Joseph	\$97,115		3 Yr(s)	

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BSA	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	SHIZGAL, Peter Concordia University (Montreal, Quebec) Neural mechanisms of reward		\$78,802		5 Yr(s)	
BSA	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	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)	

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BSA	SZECHTMAN, Henry McMaster University Obsessive-compulsive disorder as a disturbance of motivation	WOODY, Erik Z	\$78,901		3 Yr(s)	
BSA	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	WYNNE-EDWARDS, Katherine E Queen's University (Kingston, Ontario) Neuroendocrinology of paternal behaviour		\$96,656		5 Yr(s)	
BSB	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	LIVESLEY, William J University of British Columbia Motivational processes and cognitions associated with personality disorder	JANG, Kerry L	\$70,472		2 Yr(s)	

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BSB	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	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)	

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BSB	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	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	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)	

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BSB	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	HOULE, Sylvain / KAPUR, Shitij	\$109,003	\$9,618	3 Yr(s)	
BSB	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)	
BSC	ALAIN, Claude Baycrest Centre for Geriatric Care (Toronto) Baycrest Hospital (North York) Neural architecture of auditory scene analysis		\$102,649		5 Yr(s)	

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BSC	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	GERMAIN, Anne Hôpital du Sacré-Coeur de Montréal Pathophysiology and functional neuroanatomy of PTSD during sleep	SOUCY, Jean-Paul	\$103,165		5 Yr(s)	Pending
BSC	GRIBBLE, Paul L University of Western Ontario Computational mechanisms of motor learning		\$68,702		5 Yr(s)	
BSC	GUITTON, Daniel McGill University Montreal Neurological Institute Oculomotor control in hemidecorticate patients		\$50,937		5 Yr(s)	
BSC	LEDERMAN, Susan J Queen's University (Kingston, Ontario) Haptic face processing		\$100,294		5 Yr(s)	

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BSC	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	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	PTITO, Maurice Université de Montréal Les mécanismes cérébraux de la perception du mouvement	CASANOVA, Christian F	\$87,137		5 Yr(s)	
BSC	STEINHAUER, Karsten McGill University Electrophysiological investigations of prosodic processing	BAUM, Shari R / PALMER, Caroline	\$84,499		3 Yr(s)	
CBM	ALMAN, Benjamin A Hospital for Sick Children (Toronto) Beta-catenin in aggressive fibromatosis		\$109,372		3 Yr(s)	

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CBM	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	DENOVAN-WRIGHT, Eileen M Dalhousie University (Nova Scotia) Regulation of transcription in Huntington's Disease		\$103,222		3 Yr(s)	
CBM	DUNCKER, Bernard P University of Waterloo (Ontario) Functional characterization of ORC subunits		\$84,645		3 Yr(s)	
CBM	EITZEN, Gary A University of Alberta The role of small G-proteins in membrane fusion		\$104,604		5 Yr(s)	
CBM	LEROUX, Michel R Simon Fraser University (Burnaby, B.C.) Link between cilia function and obesity		\$97,744		2 Yr(s)	

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	CBM LI, Gang University of British Columbia Role of ING2 in repair of UV-damaged DNA and melanoma pathogenesis		\$89,473		3 Yr(s)	
	CBM 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 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 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		\$100,000		3 Yr(s)	

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	CBM ROSKAMS, Jane University of British Columbia Olfactory ensheathing cell-induced mechanisms of regeneration		\$102,787		3 Yr(s)	
	CBM ROUCOU, Xavier Université de Sherbrooke Molecular activity of prion protein oligomers in health and diseases		\$87,882	\$41,950	3 Yr(s)	
	CBM RUTKA, James T Hospital for Sick Children (Toronto) The role of cytoskeletal GTPases in astrocytoma migration		\$99,220		5 Yr(s)	
	CBM 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 WANG, Zhixiang University of Alberta Regulation of EGF receptor endocytosis		\$127,941		5 Yr(s)	

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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	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	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	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)	

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PRC **	Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s), Associate(s)	Average Annual Operating Amount	Equipment	Term	Status
CHI	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	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	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)	

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CHI	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	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)	
CIA	BALDRIDGE, William H Dalhousie University (Nova Scotia) Retinal ganglion cell calcium dynamics in experimental optic neuropathy		\$69,636		5 Yr(s)	
CIA	BALTZ, Jay M Ottawa Health Research Institute Transport-mediated processes in oocyte growth and maturation		\$111,337		5 Yr(s)	

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CIA	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	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	LACHAPPELLE, 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	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)	

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CIB	ALMAN, Benjamin A Hospital for Sick Children (Toronto) Molecular pathology of healing		\$141,325		3 Yr(s)	
CIB	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	COLE, William G Hospital for Sick Children (Toronto) Molecular pathology of Ehlers-Danlos syndrome and chondrodysplasias		\$183,835		4 Yr(s)	
CIB	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	FRITZLER, Marvin J University of Calgary Novel late endosome, early lysosome and proteasome autoantigens		\$107,689		5 Yr(s)	

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PRC **	Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s), Associate(s)	Average Annual Operating Amount	Equipment	Term	Status
	CIB 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 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		\$108,672		3 Yr(s)	
	CIB 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 YEUNG, Rae S Hospital for Sick Children (Toronto) Kawasaki Disease: On our way to unraveling the pathogenesis		\$125,929		3 Yr(s)	

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PRC **	Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s), Associate(s)	Average Annual Operating Amount	Equipment	Term	Status
CP	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	BRAUN, Janice E University of Calgary Cysteine string protein activity: A molecular analysis		\$122,959	\$11,400	5 Yr(s)	
CP	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	HERSCOVICS, Annette A McGill University Mechanisms of glycoprotein biosynthesis - role of mammalian class I mannosidases		\$131,073		3 Yr(s)	

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CP	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	LINSELL, Paul Dalhousie University (Nova Scotia) Mechanisms of chloride channel permeation		\$138,666		5 Yr(s)	
CP	STOCHAJ, Ursula McGill University Nuclear transport of heat shock proteins		\$119,016	\$15,000	5 Yr(s)	
CP	WALSH, Michael P University of Calgary Mechanisms of regulation of smooth muscle contraction		\$175,322		5 Yr(s)	
CP	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)	

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CP	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	WOZNIAK, Richard W University of Alberta Molecular analysis of nuclear pore complex function		\$165,878		5 Yr(s)	
CPT	BEAUCHEMIN, Nicole McGill University CEACAM1 in colon cancer progression		\$112,820		3 Yr(s)	
CPT	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		\$114,144	\$12,598	4 Yr(s)	

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	CPT 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 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 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 KRAJINOVIC, Maja Hôpital Sainte-Justine (Montréal) Genetic determinants of the response to anticancer drugs in childhood acute lymphoblastic leukemia		\$57,184		1 Yr(s)	

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CPT	LEE, Stephen University of Ottawa VHL loss kidney cancer: Finding novel targets for therapy		\$104,652		3 Yr(s)	Pending
CPT	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	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)	

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CPT	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)	Pending
CPT	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	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		\$107,297		3 Yr(s)	

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CSA	CHIDIAC, Peter University of Western Ontario RGS proteins in the heart		\$100,597		3 Yr(s)	
CSA	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	DRYSDALE, Thomas A University of Western Ontario The role of retinoic acid in cardiac development and physiology		\$99,527		5 Yr(s)	
CSA	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	DYCK, Jason R University of Alberta Akt/PKB and the regulation of cardiac energy metabolism		\$123,779		5 Yr(s)	

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CSA	ISENRING, Paul Université Laval Hôtel-Dieu de Québec Molecular characterization of NKCC1 and oCCC1/CIP1		\$113,982	\$10,600	5 Yr(s)	
CSA	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	KIRSHENBAUM, Lorrie A University of Manitoba Cytoprotective role of nuclear factor kappa beta in heart		\$109,773		5 Yr(s)	
CSA	TER KEURS, Hendrik E University of Calgary Ca ²⁺ waves induce arrhythmias in non-uniform myocardium		\$82,790		5 Yr(s)	

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CSB	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 / DAGENAIS, Gilles R / FILEP, Janos G / JOSEPH, Lawrence	\$80,114		3 Yr(s)	
CSB	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	CARDINAL, René Hôpital du Sacré-Coeur de Montréal Substrates of reentrant ventricular tachycardias in the pathologic ventricle		\$98,633		3 Yr(s)	
CSB	CHEUNG, Po-Yin University of Alberta The cardiovascular support in newborns with hypoxia-reoxygenation injury		\$112,833		3 Yr(s)	

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CSB	COUET, Jacques Université Laval Hôpital Laval (Québec) Aortic valve stenosis in small animal models	ARSENAULT, Marie	\$90,666		3 Yr(s)	
CSB	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	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	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)	

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CSB	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	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	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)	

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CSB	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	LOPASCHUK, Gary D University of Alberta Energy metabolism in the newborn heart	REBEYKA, Ivan M	\$118,531	\$12,000	5 Yr(s)	
CSB	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)	

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CSB	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	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	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	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)	

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CSB	STRAUSS, Bradley H St. Michael's Hospital (Toronto) Microvessel formation in chronic total occlusions: Pathophysiology and role in successful guide-wire crossing	DICK, Alexander J / WRIGHT, Graham A	\$113,303		3 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)	
CSC	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	DHALLA, Naranjan S University of Manitoba Subcellular remodeling in congestive heart failure		\$125,804		5 Yr(s)	

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CSC	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	HOLLENBERG, Morley D University of Calgary Tyrosine kinases, proteinases, their receptors, endothelial diversity and vascular function		\$101,618		4 Yr(s)	
CSC	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	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)	

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CSC	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	STEWART, Duncan J St. Michael's Hospital (Toronto) Pathophysiological relevance of endothelin-1 overexpression	HUSAIN, Mansoor	\$114,171		5 Yr(s)	
CSC	TRIGATTI, Bernardo L McMaster University Role of bone marrow cell derived SR-BI in the development of atherosclerosis		\$108,176		3 Yr(s)	
CSC	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)	

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CSC	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)	
DEV	BOULIANNE, Gabrielle L Hospital for Sick Children (Toronto) The role of presenilin in notch signaling		\$138,981		3 Yr(s)	
DEV	BREMNER, Rod University Health Network (Toronto) Toronto Western Research Institute (Toronto) The role of E2F in retinal development		\$144,220		5 Yr(s)	
DEV	GODT, Dorothea A University of Toronto Cadherin function in cell surface organization		\$127,805	\$14,648	3 Yr(s)	
DEV	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)	

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DEV	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	LABBE, Jean-Claude Université de Montréal Establishment and maintenance of cell polarity in <i>C. elegans</i>		\$93,127		3 Yr(s)	
DEV	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	SCHOECK, Frieder McGill University Investigation of genes required for cell spreading and migration in <i>Drosophila</i> tissue culture and morphogenesis		\$116,115		3 Yr(s)	

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DEV	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	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)	
DS	BRUNETTE, Donald M University of British Columbia Regulation of cell behaviour by surface topography	WATERFIELD, John D	\$117,176		5 Yr(s)	
DS	CERVERO, Fernando McGill University Mechanisms of inflammatory hyperalgesia: Role of the NKCC1 chloride cation co-transporter		\$115,371	\$12,355	3 Yr(s)	

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DS	CVITKOVITCH, Dennis G University of Toronto Acid tolerance mechanisms of Streptococcus mutans		\$139,133		5 Yr(s)	
DS	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	JURLOFF, 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	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)	

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DS	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	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	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)	
E	BOISSONNEAULT, Guylain Université de Sherbrooke Transient DNA strand breaks in spermatids		\$88,232		3 Yr(s)	

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PRC **	Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s), Associate(s)	Average Annual Operating Amount	Equipment	Term	Status
E	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	DIMATTIA, Gabriel E University of Western Ontario The role of stanniocalcin hormones in bone growth and development		\$106,400		3 Yr(s)	
E	GIBB, William University of Ottawa Mechanisms of action of steroid hormones in human parturition		\$95,161		4 Yr(s)	
E	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)	

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PRC **	Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s), Associate(s)	Average Annual Operating Amount	Equipment	Term	Status
E	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		\$119,085	\$10,960	5 Yr(s)	
E	KUMAR, Ujendra McGill University Structure-function and regulation of somatostatin receptors		\$110,499		3 Yr(s)	
E	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	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)	

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E	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	RIVEST, Serge Université Laval Neuronal circuitry and molecular mechanisms involved in the neuroendocrine-immune interaction		\$182,610		5 Yr(s)	
E	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	SULLIVAN, Robert Université Laval A primate animal model for the development of a contraceptive strategy applicable to men		\$101,580		3 Yr(s)	
E	ZINGG, Hans H McGill University Molecular mechanisms of oxytocin action		\$97,154		5 Yr(s)	

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ELH	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	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)	
EM	BILODEAU, Marc ZWINGMANN, Claudia Centre Hosp. de l'Université de Montréal (CHUM) Status of hepatic cellular energy metabolism in early acute liver injury		\$109,634	\$5,000	3 Yr(s)	
EM	CHEN, Xing-Zhen University of Alberta Mechanisms of polycystin-2 targeting to the primary cilium		\$82,082		3 Yr(s)	

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EM	CROITORU, Kenneth McMaster University Studies of the induction and regulation of colitis in a mouse model		\$122,429		3 Yr(s)	
EM	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	HUIZINGA, Jan D McMaster University Interstitial cells of Cajal and control of gastrointestinal motility		\$164,051	\$24,437	5 Yr(s)	
EM	LOUTZENHISER, Rodger D University of Calgary Myogenic properties of the renal afferent arteriole		\$82,812	\$10,962	5 Yr(s)	
EM	MURUVE, Daniel A University of Calgary The role of integrins in progressive kidney disease		\$96,145		3 Yr(s)	

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EM	TAKANO, Tomoko McGill University Mechanisms of glomerular barrier dysfunction		\$103,140		5 Yr(s)	
EM	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		\$48,662		2 Yr(s)	
EM	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)	
G	BULMAN, Dennis E Ottawa Health Research Institute Identification of a novel gene for brachydactyly- A1		\$140,466		3 Yr(s)	

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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	HAYDEN, Michael R University of British Columbia Tissue-specific contributions to functions of ABCA1		\$151,581		5 Yr(s)	
G	HEGELE, Robert A John P. Robarts Research Institute (London, Ont.) Genetic determinants of obesity and lipoproteins		\$151,650	\$10,998	5 Yr(s)	
G	HENDZEL, Michael J University of Alberta Epigenetic control of interphase chromosome structure and function		\$151,046	\$44,528	5 Yr(s)	

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G	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	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	RANCOURT, Derrick E University of Calgary Implantation serine proteinases: Structure and function		\$142,940		5 Yr(s)	
G	ROBINSON, Wendy P University of British Columbia Prenatally detected chromosome mosaicism	LANGLOIS, Sylvie F / VON DADELSZEN, Peter	\$137,137		5 Yr(s)	

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G	SCHURR, Erwin A The Res. Inst. of the McGill University Health Ctr Genetic dissection of leprosy susceptibility		\$204,937		5 Yr(s)	
G	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	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	TRIGGS-RAINE, Barbara L University of Manitoba Characterization of the role of hyaluronidases in hyaluronan turnover		\$136,860	\$54,447	3 Yr(s)	

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G	XIAO, Wei University of Saskatchewan Roles of mammalian mms2-ubc13 complex in DNA postreplication repair and tumorigenesis		\$134,192		5 Yr(s)	
GMX	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)	
GMX	LOCKE, John University of Alberta Matching lethal mutations to genes on chromosome 4 of Drosophila		\$57,761		4 Yr(s)	
GMX	SCHERER, Stephen W Hospital for Sick Children (Toronto) Large-scale variation in the human genome		\$157,448		5 Yr(s)	

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	GMX 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)	
	GMX THOMAS, David Y McGill University The endoplasmic reticulum interactome	GEHRING, Kalle B / HALLETT, Michael T	\$256,762	\$4,401	5 Yr(s)	
	GMX 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)	
	GMX 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)	

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GSH 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 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 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	KHAN, Paul A / PIEDBOEUF, Bruno	\$104,215		4 Yr(s)	

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	GSH 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 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)	
	HPM 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 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)	

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HPM	HAVENS, Betty 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 / MENEZES, Verena H	\$80,182		3 Yr(s)	
HPM	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)	
HSI	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)	

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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	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	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)	

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HSI	KRAHN, Murray D University Health Network (Toronto) Toronto General Hospital Population based estimates of cost and quality of life in community dwelling HCV patients	ANIS, Aslam H / HEATHCOTE, Elizabeth Jane J / KRAJDEN, Mel / POURBOHLOUL, Babak / SHADMANI, Ramak / TOMLINSON, George A / YOSHIDA, Eric M	\$149,754	\$6,000	3 Yr(s)	
HSI	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)	ANDERSON, Geoffrey M / BOOTH, Gillian L / CHOI, Bernard / HUX, Janet E / MUSTARD, Cameron A / STUKEL, Therese A / WU, Jianhong	\$157,077	\$3,000	4 Yr(s)	

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HSI	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	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	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)	

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HSR	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	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	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)	

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HSR	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	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	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)	

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HSR	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	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	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)	

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	HSR 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 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 / MANNS, Braden J / SENTHILSELVAN, Ambikaipakan	\$58,652		3 Yr(s)	
	HUP 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)	

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IT	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	ZUNIGA-PFLUCKER, Juan C	\$102,177		5 Yr(s)	
IT	DESBARATS, Julie A McGill University Fas ligand "reverse signaling" in models of spinal cord injury and multiple sclerosis		\$125,214		3 Yr(s)	
IT	DUPLAY, Pascale INRS - (Québec, QC) Role of Dok family adaptors in the regulation of T lymphocyte signaling		\$122,414		5 Yr(s)	
IT	GOLD, Michael R University of British Columbia Signal transduction in B lymphocytes		\$123,900		5 Yr(s)	
IT	GORDON, John R University of Saskatchewan Mechanisms mediating the therapeutic effects of tolerogenic dendritic cells in allergic asthma		\$112,725		3 Yr(s)	

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IT	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	MADRENAS, Joaquin John P. Robarts Research Institute (London, Ont.) Regulation of CTLA-4 function by PP2A		\$148,632		5 Yr(s)	
IT	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)	

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IT	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	SARFATI, Marika Centre Hosp. de l'Université de Montréal (CHUM) Immune response of CD47-deficient mice		\$145,028		5 Yr(s)	
IT	WATTS, Tania H University of Toronto Costimulation of human T cell responses		\$87,081		5 Yr(s)	
IT	YEH, Wen-Chen University Health Network (Toronto) Effect of inflammatory signaling on apoptosis regulation and DNA damage responses		\$136,645		5 Yr(s)	
KTE	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	

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KTE	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	EISENBERG, Mark J Sir Mortimer B. Davis Jewish General Hospital- MtI A hierarchical Bayesian meta-analysis of randomized clinical trials of smoking cessation aids	GERVAIS, Andre J / JOSEPH, Lawrence / O'LOUGHLIN, Jennifer L / PARADIS, Gilles / PILOTE, Louise	\$50,000		1 Yr(s)	
KTE	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	ATKINSON, Leslie R / FEDOROFF, John P / MCQUEEN-FUENTES, Glenys / SALES, Carol A / TARDIF, Christine Y / TARULLI, Donato	\$101,917	\$5,656	3 Yr(s)	

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KTE	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)	
M	ADELI, Khosrow Hospital for Sick Children (Toronto) Mechanisms of intestinal lipoprotein overproduction in insulin resistant states		\$102,529		5 Yr(s)	
M	BELSHAM, Denise D University of Toronto Sensing of peripheral nutrient status by the hypothalamus		\$96,288		3 Yr(s)	
M	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)	

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PRC **	Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s), Associate(s)	Average Annual Operating Amount	Equipment	Term	Status
M	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	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	HILL, John S University of British Columbia St. Paul's Hospital, Vancouver Functional analysis of lipase gene expression in human macrophages		\$72,730		3 Yr(s)	
M	LEHNER, Richard University of Alberta Molecular characterization of hepatic esterases		\$91,889		3 Yr(s)	

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M	MARCIL, Michel McGill University Royal Victoria Hospital (Montreal) Role of secretory sphingomyelinase in high density lipoprotein remodeling		\$87,617		3 Yr(s)	
M	MORALES, Carlos R McGill University The interactomics of sortilin, a novel sorting receptor implicated in multiple lysosomal disorders		\$129,757		5 Yr(s)	
M	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	RASSART, Eric Université du Québec à Montréal Structure and function of apolipoprotein D		\$110,874		3 Yr(s)	
M	SORISKY, Alexander M Ottawa Health Research Institute Regulation of adipogenesis		\$90,569		4 Yr(s)	

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M	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	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)	
MCC	ANDREWS, Brenda J University of Toronto Integration of cell division and gene expression		\$161,318		5 Yr(s)	
MCC	ANDREWS, David W McMaster University Interaction of bcl-2 family apoptosis regulatory proteins with cellular membranes		\$178,835		5 Yr(s)	
MCC	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)	

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	MCC 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 MAI, Sabine University of Manitoba Mechanisms of genomic instability		\$83,826		3 Yr(s)	
	MCC MYMRYK, Joseph S University of Western Ontario London Regional Cancer Program Molecular genetic analysis of adenovirus E1A function		\$109,086		5 Yr(s)	
	MCC 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	HENDZEL, Michael J / MASSON, Jean-Yves	\$136,284		3 Yr(s)	

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PRC **	Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s), Associate(s)	Average Annual Operating Amount	Equipment	Term	Status
	MCC SCHEID, Michael P York University (Toronto, Ontario) Novel mechanisms of PDK1 regulation and substrate phosphorylation		\$95,614		3 Yr(s)	
	MCC 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 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 WRANA, Jeffrey L Mount Sinai Hospital (Toronto) The TGFbeta-par6 pathway in breast cancer metastasis		\$198,370		5 Yr(s)	

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MI	BROWN, Eric D McMaster University Biochemistry and genetics of wall teichoic biogenesis		\$106,108		5 Yr(s)	
MI	DUONG, Frank University of British Columbia Molecular dynamics of protein translocation through the bacterial membrane		\$113,108		3 Yr(s)	
MI	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	HANCOCK, Robert Ernest W University of British Columbia Design and function of antimicrobial peptides		\$108,527		3 Yr(s)	
MI	IRETON, Keith University of Toronto Molecular mechanisms of entry of the bacterial pathogen <i>Listeria monocytogenes</i>		\$97,288		3 Yr(s)	

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MI	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	OUELLETTE, Marc Université Laval Drug resistance mechanisms in the human pathogen Leishmania		\$134,218		5 Yr(s)	
MI	SCHELLHORN, Herbert E McMaster University Global control of expression of the RpoS regulon in Escherichia coli		\$87,486		3 Yr(s)	
MI	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		\$131,758		5 Yr(s)	

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	MOV BATT, Jane Andrea E St. Michael's Hospital (Toronto) University of Toronto Molecular mechanisms of denervation skeletal muscle atrophy		\$80,991		3 Yr(s)	
	MOV BROWNSTONE, Robert M Dalhousie University (Nova Scotia) Control of movement: Regulation of motoneurone excitability		\$110,602	\$19,550	5 Yr(s)	
	MOV GOSSARD, Jean-Pierre Université de Montréal Differential transmission in primary afferent terminals		\$98,237	\$68,033	5 Yr(s)	
	MOV 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 PROCHAZKA, Arthur University of Alberta Sensorimotor control		\$95,331		3 Yr(s)	

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	MOV SERGIO, Lauren E York University (Toronto, Ontario) Stages of visuomotor transformation in human and non-human primates		\$109,380		5 Yr(s)	
	MOV WHELAN, Patrick J University of Calgary Dopaminergic control of locomotion in the neonatal mouse		\$91,025		5 Yr(s)	
	MPI 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 COLLINS, Louis D GOULET, Benoit McGill University Montreal Neurological Institute Image guided neurosurgery		\$147,835	\$22,633	4 Yr(s)	

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	MPI 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 ELLIS, Christopher G University of Western Ontario Optical imaging of microvascular oxygen transport in skeletal muscle	GOLDMAN, Daniel	\$52,684		3 Yr(s)	
	MPI 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 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)	

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MPI	MACAULAY, Calum E University of British Columbia B.C. Cancer Research Centre (Vancouver) Tomographic reconstruction microscopy	LANE, Pierre	\$50,000		2 Yr(s)	
MPI	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	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	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)	

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NSA	AVOLI, Massimo McGill University Montreal Neurological Institute Thalamocortical mechanisms and absence seizures	RAGSDALE, David S	\$86,770		3 Yr(s)	
NSA	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	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	FORSYTH, Peter A University of Calgary The neurotrophin receptor p75 mediates invasion in gliomas	SENGER, Donna L	\$115,258		5 Yr(s)	

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NSA	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	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	POIRIER, Jules Douglas Hospital Research Centre (Verdun, Québec) HMG coA reductase: A pharmacogenomic and therapeutic target for the common form of Alzheimer's Disease		\$119,376		3 Yr(s)	
NSA	RENAUD, Leo P Ottawa Health Research Institute Hypothalamic neuroregulatory mechanisms		\$127,889		5 Yr(s)	
NSA	STYS, Peter K Ottawa Health Research Institute White matter excitotoxicity		\$161,275		5 Yr(s)	

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NSA	WESTAWAY, David University of Toronto Genomic dissection of the gamma-secretase enzyme family		\$87,810	\$3,000	3 Yr(s)	
NSA	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)	
NSB	BERUBE, Nathalie G University of Western Ontario London Health Sciences Centre (London, Ontario) The role of the ATRX mental retardation gene in hippocampal development		\$98,227		3 Yr(s)	
NSB	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)	

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NSB	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	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	LEVINE, Joel D University of Toronto Social influence of circadian clocks in Drosophila		\$86,287		5 Yr(s)	
NSB	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		\$123,738		3 Yr(s)	

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NSB	MCRORY, John E University of Calgary Molecular and biophysical characterization of the CAV1.4 L-type calcium channel		\$84,214		3 Yr(s)	
NSB	MURPHY, Timothy H University of British Columbia Determining the rules for high frequency synaptic signalling at CNS synapses		\$117,854		5 Yr(s)	
NSB	NAGY, James I University of Manitoba Regulation of CNS glial connexins and gap junctions	LI, Xinbo / PERREAULT, Helene	\$86,981		3 Yr(s)	
NSB	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)	Pending

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NSB	RIBEIRO-DA-SILVA, Alfredo McGill University Plasticity of skin innervation following peripheral nerve lesions		\$141,871		5 Yr(s)	
NSB	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	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	SACHDEV, Robert N Université Laval Centre de recherche Université Laval-Robert- Giffard (QC) Whisker movement and sensation		\$75,727	\$35,692	3 Yr(s)	Pending

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NSB	SARRET, Philippe Université de Sherbrooke Régulation des récepteurs de la neurotensine: implication dans le contrôle de la douleur		\$103,417		3 Yr(s)	
NSB	VERGE, Valerie M University of Saskatchewan Sensory neuron injury, repair and maladaptive consequences: Role of neurotrophins		\$123,692	\$46,000	3 Yr(s)	
NUT	BOGNAR, Andrew L University of Toronto Regulation of one-carbon metabolism		\$82,791		3 Yr(s)	
NUT	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)	

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NUT	FLINTOFF, Wayne F University of Western Ontario Structure and function of the reduced folate carrier		\$97,457		3 Yr(s)	
NUT	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	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	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)	

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NUT	KEITH, Mary E BRIET, Francoise St. Michael's Hospital (Toronto) Does nutrient supplementation influence cardiac function, structure and survival by altering energy metabolism?	MAZER, David / STEWART, Duncan J	\$77,900		2 Yr(s)	
NUT	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	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)	
POP	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)	

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POP	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.	ABRAHAMOWICZ, Michal M / KESTENS, Yan / POTVIN, Louise	\$240,659		5 Yr(s)	
POP	COOK, Richard J University of Waterloo (Ontario) Methods for the analysis of complex life history data		\$99,071		5 Yr(s)	
POP	DE WALS, 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	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)	

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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	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	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)	

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PS	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	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	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	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)	

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PS	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	ULUDAG, Hasan University of Alberta Targeting bFGF to bone for systemic stimulation of bone formation		\$138,361		4 Yr(s)	
PS	WEAVER, Donald F Dalhousie University (Nova Scotia) Design and synthesis of novel antiepileptogenic drugs		\$101,393		5 Yr(s)	
PS	WELLS, Peter G HENDERSON, Jeffrey T University of Toronto Free radical determinants of neurodegenerative disease		\$116,076	\$80,000	5 Yr(s)	

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PSB	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	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	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	DOBSON, Keith S University of Calgary The role of metacognitive awareness in relapse to depression		\$36,640		3 Yr(s)	

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PSB	PIAT, Myra Douglas Hospital Research Centre (Verdun, Québec) Recovery from serious mental illness: An exploratory study of multiple stakeholders perspectives'	BLOOM, David / BOTSCHNER, Janos / PROVENCHER, Helene / SYLVESTRE, John C	\$81,164		3 Yr(s)	
PSB	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	DI DIO, Pasqualina / DUARTE-FRANCO, Eliane F / FRANCO, Eduardo L / KNAUPER, Barbel / MAYRAND, Marie-Helene	\$63,080		3 Yr(s)	
PSB	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)	

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PSD	BEISER, Morton ARMSTRONG, Robert (Bob) W OGILVIE, Linda D OXMAN-MARTINEZ, Jacqueline 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	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)	

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PRC **	Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s), Associate(s)	Average Annual Operating Amount	Equipment	Term	Status
PSD	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	ERICKSON, Patricia G / PAWLUCH, Dorothy	\$24,017		3 Yr(s)	
PSD	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	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)	

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PSD	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	GAGLIESE, Lucia / HALES, Sarah A / ZIMMERMANN, Camilla	\$101,861		5 Yr(s)	
PSD	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	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)	
PT	ADAMS, Michael A Queen's University (Kingston, Ontario) Antihypertensive drug-induced persistent lowering of pressure		\$111,097		4 Yr(s)	

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PT	AVERILL-BATES, Diana A Université du Québec à Montréal Induction of apoptosis by the toxic aldehyde acrolein		\$84,870		3 Yr(s)	
PT	DE LEAN, André Université de Montréal Signal recognition and transduction of natriuretic peptides		\$103,527		4 Yr(s)	
PT	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	KOROPATNICK, D. James University of Western Ontario Metallothionein in monocyte function, hormone responsiveness, and signal transduction protein activity		\$101,382		3 Yr(s)	

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PT	LAPORTE, Stéphane A McGill University Royal Victoria Hospital (Montreal) Regulation of G protein-coupled receptor internalization		\$95,780	\$7,000	4 Yr(s)	
PT	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	MITCHELL, Jane A University of Toronto Glucocorticoid regulation of G protein-activated phospholipase C and glucocorticoid-induced osteoporosis		\$115,145		4 Yr(s)	
PT	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)	

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PT	SAWYNOK, Jana Dalhousie University (Nova Scotia) Peripheral regulation of nociception by antidepressants, purines and noradrenaline		\$95,940		5 Yr(s)	
PUB	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	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	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)	

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PUB	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	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	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	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)	

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PUB	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	Pending
RS	FEWELL, James E University of Calgary Protective responses of the newborn to hypoxia		\$94,940		3 Yr(s)	
RS	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	JANKOV, Robert P Sunnybrook and Women's College Health Sciences Ctr Role of peroxynitrite and macrophages in newborn pulmonary vascular remodeling		\$95,296		3 Yr(s)	

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RS	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	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	MORTOLA, Jacopo P McGill University Hypoxia and the embryonic development of the metabolic control of breathing		\$50,352	\$1,874	3 Yr(s)	

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RS	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	BAI, Tony R	\$121,360		5 Yr(s)	
RS	PETROF, Basil J McGill University Strategies for therapy of respiratory muscle failure in muscular dystrophy		\$117,703		5 Yr(s)	
RS	POST, Martin Hospital for Sick Children (Toronto) Molecular regulation of pulmonary phosphatidylcholine synthesis		\$132,312		5 Yr(s)	
RS	SOUSSI GOUNNI, Abdelilah University of Manitoba The molecular basis of igE mediated neutrophil survival in asthma		\$107,609		5 Yr(s)	

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RS	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)	
SDA	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	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	GRAF, Peter University of British Columbia Technology usability across the adult lifespan	KLAWE, Maria M / MCGRENERE, Joanna L	\$64,818		3 Yr(s)	

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SDA	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?	SILVERMAN, Marjorie L	\$50,000		3 Yr(s)	
SDA	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)	
VVP	BROWN, Earl G University of Ottawa Analysis of convergent evolution in virulent influenza A viruses		\$73,193		3 Yr(s)	
VVP	CEN, Shan Sir Mortimer B. Davis Jewish General Hospital- Mtl Study on the mechanism of human APOBEC3G encapsidation into HIV-1		\$92,824		3 Yr(s)	

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	VVP 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 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 HIRASAWA, Kensuke Memorial University of Newfoundland Interaction of interferon-induced antiviral responses and Ras signalling pathways		\$94,342	\$13,028	3 Yr(s)	
	VVP 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)	

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VVP	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	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	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)	

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	VVP 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 SMILEY, James R University of Alberta The Herpes simplex virus virion host shutoff protein		\$144,742		5 Yr(s)	

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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
IT	Immunology and Transplantation
KTE	Knowledge Translation and Exchange

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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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