



Results of the 15/09/2004 Operating Grants Competition

Updated : 10/11/2005

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
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	
ADAMS, Michael A Queen's University (Kingston, Ontario) Antihypertensive drug-induced persistent lowering of pressure		\$111,097		4 Yr(s)	PT	
ADELI, Khosrow Hospital for Sick Children (Toronto) Mechanisms of intestinal lipoprotein overproduction in insulin resistant states		\$102,529		5 Yr(s)	M	

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ALAIN, Claude Baycrest Centre for Geriatric Care (Toronto) Baycrest Hospital (North York) Neural architecture of auditory scene analysis		\$102,649		5 Yr(s)	BSC	
ALMAN, Benjamin A Hospital for Sick Children (Toronto) Beta-catenin in aggressive fibromatosis		\$109,372		3 Yr(s)	CBM	
ALMAN, Benjamin A Hospital for Sick Children (Toronto) Molecular pathology of healing		\$141,325		3 Yr(s)	CIB	
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	

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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	
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	
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	
AVERILL-BATES, Diana A Université du Québec à Montréal Induction of apoptosis by the toxic aldehyde acrolein		\$84,870		3 Yr(s)	PT	

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AVOLI, Massimo McGill University Montreal Neurological Institute Thalamocortical mechanisms and absence seizures	RAGSDALE, David S	\$86,770		3 Yr(s)	NSA	
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)	CIA	
BARROWMAN, Nicholas J Children's Hospital of Eastern Ontario (Ottawa) Reducing bias in meta-analytic pooling: Estimating the influence of excluding grey literature	MOHER, David	\$62,667		1 Yr(s) 6 Mths	KTE	

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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	
BEARNE, Stephen L Dalhousie University (Nova Scotia) Mechanisms and inhibition of enzymes involved in pyrimidine and purine biosynthesis		\$107,010		3 Yr(s)	BMA	
BEAUCHEMIN, Nicole McGill University CEACAM1 in colon cancer progression		\$112,820		3 Yr(s)	CPT	

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<p>BEISER, Morton ARMSTRONG, Robert (Bob) W OGILVIE, Linda D OXMAN-MARTINEZ, Jacqueline RUMMENS, Joanna (Anneke) W</p> <p>University of Toronto New Canadian Children and Youth Study (NCCYS)</p>	<p>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</p>	<p>\$693,662</p>		<p>2 Yr(s)</p>	<p>PSD</p>	
<p>BELSHAM, Denise D</p> <p>University of Toronto Sensing of peripheral nutrient status by the hypothalamus</p>		<p>\$96,288</p>		<p>3 Yr(s)</p>	<p>M</p>	

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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	
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)	CPT	
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	

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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	
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	
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	
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	

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BOGATY, Peter Université Laval Hôpital Laval (Québec) Investigation of fluctuations in inflammatory markers in stable subjects across the clinical spectrum of ischemic heart disease	BROPHY, James M / DAGENAI, Gilles R / FILEP, Janos G / JOSEPH, Lawrence	\$80,114		3 Yr(s)	CSB	
BOGNAR, Andrew L University of Toronto Regulation of one-carbon metabolism		\$82,791		3 Yr(s)	NUT	
BOISSONNEAULT, Guylain Université de Sherbrooke Transient DNA strand breaks in spermatids		\$88,232		3 Yr(s)	E	
BONHAM, Keith K University of Saskatchewan Transcriptional repression of the SRC promoter locus by histone deacetylase inhibitors		\$98,933		5 Yr(s)	BMB	
BOULIANNE, Gabrielle L Hospital for Sick Children (Toronto) The role of presenilin in notch signaling		\$138,981		3 Yr(s)	DEV	

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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	
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	
BRAUER, Michael University of British Columbia Spatial assessment of forest fire smoke exposure and its health effects in the southern interior of British Columbia	DEMERS, Paul A / JACKSON, Peter L / KENNEDY, Susan M / KLINKENBERG, Brian / MACNAB, Ying C	\$50,000		2 Yr(s)	PUB	
BRAUN, Janice E University of Calgary Cysteine string protein activity: A molecular analysis		\$122,959	\$11,400	5 Yr(s)	CP	

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BRAVO, Gina Université de Sherbrooke Substitute consent for research involving decisionally incapacitated older adults: A nationwide study of knowledge, opinion and practices	COHEN, Carole A / GRAHAM, Janice E / WILDEMAN, Sheila M	\$118,675		2 Yr(s) 6 Mths	ELH	
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	
BREMNER, Rod University Health Network (Toronto) Toronto Western Research Institute (Toronto) The role of E2F in retinal development		\$144,220		5 Yr(s)	DEV	
BRISSETTE, Louise Université du Québec à Montréal Elucidation of the physiological role of SR-BI and CD36 in the hepatic cell		\$97,113		3 Yr(s)	M	

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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	
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	
BROPHY, James M McGill University Cox-2 selective inhibitors and cardiovascular outcomes in an elderly population	BOIVIN, Jean-François / JOSEPH, Lawrence / LEVESQUE, Linda E	\$63,652		2 Yr(s)	POP	
BROWN, Earl G University of Ottawa Analysis of convergent evolution in virulent influenza A viruses		\$73,193		3 Yr(s)	VVP	

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BROWN, Eric D McMaster University Biochemistry and genetics of wall teichoic biogenesis		\$106,108		5 Yr(s)	MI	
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	
BROWNSTONE, Robert M Dalhousie University (Nova Scotia) Control of movement: Regulation of motoneurone excitability		\$110,602	\$19,550	5 Yr(s)	MOV	

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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	
BRUNETTE, Donald M University of British Columbia Regulation of cell behaviour by surface topography	WATERFIELD, John D	\$117,176		5 Yr(s)	DS	
BULMAN, Dennis E Ottawa Health Research Institute Identification of a novel gene for brachydactyly- A1		\$140,466		3 Yr(s)	G	
BULMAN, Dennis E Ottawa Health Research Institute Identification and characterization of genes responsible for inherited myoclonus dystonia	GRIMES, David A	\$126,717		3 Yr(s)	G	

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BURTINICK, Leslie D University of British Columbia The structure of gelsolin-capped actin filaments		\$60,723		3 Yr(s)	BMA	
BUTTERWORTH, Roger F Université de Montréal Centre Hosp. de l'Université de Montréal (CHUM) Further studies of vascular factors in the pathogenesis of selective neuronal cell death due to impaired oxidative metabolism		\$81,426		3 Yr(s)	NUT	
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	

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CANHAM, Peter B University of Western Ontario Brain arteries and aneurysms: Microscopic structure and analysis of extracellular matrix proteins	FERGUSON, Gary G / LUCAS, Alexandra R	\$78,091	\$24,398	3 Yr(s)	BME	
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	
CARDINAL, René Hôpital du Sacré-Coeur de Montréal Substrates of reentrant ventricular tachycardias in the pathologic ventricle		\$98,633		3 Yr(s)	CSB	
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	

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<p>CARLYLE, James R Sunnybrook and Women's College Health Sciences Ctr Nkr-p1 receptor-ligand interactions in missing self recognition of tumour cells and infected targets</p>	<p>ZUNIGA-PFLUCKER, Juan C</p>	<p>\$102,177</p>		<p>5 Yr(s)</p>	<p>IT</p>	
<p>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</p>	<p>DUCHARME, Francine C / DUHAMEL, André</p>	<p>\$50,000</p>		<p>3 Yr(s)</p>	<p>SDA</p>	
<p>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</p>		<p>\$136,970</p>		<p>3 Yr(s)</p>	<p>M</p>	

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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	
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)	VVP	
CERVERO, Fernando McGill University Mechanisms of inflammatory hyperalgesia: Role of the NKCC1 chloride cation co-transporter		\$115,371	\$12,355	3 Yr(s)	DS	
CHABOT, Benoit Université de Sherbrooke The function of yeast introns / la fonction des introns chez la levure	ABOU ELELA, Sherif	\$119,390		3 Yr(s)	GM X	

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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	
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	
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	
CHARRON, Frederic Institut de recherches cliniques de Montréal The role and molecular mechanism of sonic hedgehog in neural circuit formation		\$125,925	\$28,893	5 Yr(s)	NSB	

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CHEN, Xing-Zhen University of Alberta Mechanisms of polycystin-2 targeting to the primary cilium		\$82,082		3 Yr(s)	EM	
CHEUNG, Po-Yin University of Alberta The cardiovascular support in newborns with hypoxia-reoxygenation injury		\$112,833		3 Yr(s)	CSB	
CHIDIAC, Peter University of Western Ontario RGS proteins in the heart		\$100,597		3 Yr(s)	CSA	
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	

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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	
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	
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	
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	

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COLE, William G Hospital for Sick Children (Toronto) Molecular pathology of Ehlers-Danlos syndrome and chondrodysplasias		\$183,835		4 Yr(s)	CIB	
COLLIN, Johanne Université de Montréal Hypertension, circulation des savoirs sur les médicaments et perception du risque	BEAULIEU, Marie- Dominique / DOUCET, Hubert / LAURIER, Claudine / MONNAIS- ROUSSELOT, Laurence A / PROULX, Michelle	\$83,009		3 Yr(s)	PSD	
COLLINS, Louis D GOULET, Benoit McGill University Montreal Neurological Institute Image guided neurosurgery		\$147,835	\$22,633	4 Yr(s)	MPI	
COOK, Richard J University of Waterloo (Ontario) Methods for the analysis of complex life history data		\$99,071		5 Yr(s)	POP	

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COTT, Cheryl A University of Toronto Client-centred rehabilitation: Four case studies of in-patient rehabilitation	JAGLAL, Susan B / LANDRY, Michel / MCGILTON, Katherine S / TEARE, Gary F / WODCHIS, Walter P	\$91,668		2 Yr(s)	HSI	
COUET, Jacques Université Laval Hôpital Laval (Québec) Aortic valve stenosis in small animal models	ARSENAULT, Marie	\$90,666		3 Yr(s)	CSB	
COULTON, James W McGill University Structural biology of bacterial membrane protein complexes		\$116,169		3 Yr(s)	BMA	
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	

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CROITORU, Kenneth McMaster University Studies of the induction and regulation of colitis in a mouse model		\$122,429		3 Yr(s)	EM	
CVITKOVITCH, Dennis G University of Toronto Acid tolerance mechanisms of Streptococcus mutans		\$139,133		5 Yr(s)	DS	
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	
DAVIES, Julian E University of British Columbia Transcription modulation by antibiotics in gram-positive pathogens		\$76,875		4 Yr(s)	BMB	

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DAVIES, Peter L Queen's University (Kingston, Ontario) Calcium-activated proteases in health and disease		\$149,115		5 Yr(s)	BMA	
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	
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	
DE LEAN, André Université de Montréal Signal recognition and transduction of natriuretic peptides		\$103,527		4 Yr(s)	PT	

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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	
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	
DENOVAN-WRIGHT, Eileen M Dalhousie University (Nova Scotia) Regulation of transcription in Huntington's Disease		\$103,222		3 Yr(s)	CBM	
DESBARATS, Julie A McGill University Fas ligand "reverse signaling" in models of spinal cord injury and multiple sclerosis		\$125,214		3 Yr(s)	IT	

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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	
DHALLA, Naranjan S University of Manitoba Subcellular remodeling in congestive heart failure		\$125,804		5 Yr(s)	CSC	
DIMATTIA, Gabriel E University of Western Ontario The role of stanniocalcin hormones in bone growth and development		\$106,400		3 Yr(s)	E	
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	

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<p>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</p>		\$110,782	\$5,500	5 Yr(s)	PS	
<p>DITTO, Blaine McGill University Using applied muscle tension in the blood donation clinic: Effects on vasovagal symptoms, anxiety, and donor return</p>	FRANCE, Christopher R	\$50,291		3 Yr(s)	PSB	
<p>DOBBINS, Maureen J McMaster University Exploring knowledge brokering in public health: A natural phenomenon</p>	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	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
DOBSON, Keith S University of Calgary The role of metacognitive awareness in relapse to depression		\$36,640		3 Yr(s)	PSB	
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	
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	
DROLET, Marc Université de Montréal DNA topoisomerase I and RNase HI in bacterial gene expression during stresses		\$96,538		5 Yr(s)	BMB	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
DRYSDALE, Thomas A University of Western Ontario The role of retinoic acid in cardiac development and physiology		\$99,527		5 Yr(s)	CSA	
DUBOIS, Lise PERUSSE, Daniel University of Ottawa Genetic and environmental influences on children's food intake and body weight: A twin study	BOIVIN, Michel / TREMBLAY, Richard E	\$92,207		5 Yr(s)	CHI	
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	
DUNCKER, Bernard P University of Waterloo (Ontario) Functional characterization of ORC subunits		\$84,645		3 Yr(s)	CBM	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
DUONG, Frank University of British Columbia Molecular dynamics of protein translocation through the bacterial membrane		\$113,108		3 Yr(s)	MI	
DUPLAY, Pascale INRS - (Québec, QC) Role of Dok family adaptors in the regulation of T lymphocyte signaling		\$122,414		5 Yr(s)	IT	
DURONIO, Vincent University of British Columbia Vancouver Coastal Health Research Institute Mcl-1 as a regulator of cell cycle progression		\$141,673		3 Yr(s)	MCC	
DYCK, Jason R University of Alberta Akt/PKB and the regulation of cardiac energy metabolism		\$123,779		5 Yr(s)	CSA	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
EISENBERG, Mark J Sir Mortimer B. Davis Jewish General Hospital- Mtl 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	
EITZEN, Gary A University of Alberta The role of small G-proteins in membrane fusion		\$104,604		5 Yr(s)	CBM	
EKKER, Marc University of Ottawa Polymorphism in a dlx homeobox gene enhancer: a mouse model for autism		\$95,300		3 Yr(s)	BSA	
ELLIS, Christopher G University of Western Ontario Optical imaging of microvascular oxygen transport in skeletal muscle	GOLDMAN, Daniel	\$52,684		3 Yr(s)	MPI	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
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	
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	
FELDMAN, Howard MACKENZIE, Ian R University of British Columbia Frontotemporal dementia with ubiquitinated inclusions: Clinical, genetic and pathological characterization	CASHMAN, Neil R / CHRISTOFF, Kalina / HALLAM, Bradley J / HSIUNG, Ging-Yuek R / LEAVITT, Blair R / SADOVNICK, A. Dessa	\$231,908	\$12,425	3 Yr(s)	BCA	

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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)	KTE	
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	
FEWELL, James E University of Calgary Protective responses of the newborn to hypoxia		\$94,940		3 Yr(s)	RS	
FLINTOFF, Wayne F University of Western Ontario Structure and function of the reduced folate carrier		\$97,457		3 Yr(s)	NUT	

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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	
FLORES, Cecilia Douglas Hospital Research Centre (Verdun, Québec) Netrins: Possible mechanistic link between altered brain development and dopaminergic dysfunction associated with schizophrenia		\$87,664		3 Yr(s)	BSA	
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	
FORMAN-KAY, Julie D Hospital for Sick Children (Toronto) Experimental and computational studies of disordered states of proteins		\$136,977		5 Yr(s)	BMA	

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FORSYTH, Peter A University of Calgary The neurotrophin receptor p75 mediates invasion in gliomas	SENGER, Donna L	\$115,258		5 Yr(s)	NSA	
FORTIN, Sylvie Hôpital Sainte-Justine (Montréal) Pratiques cliniques hospitalières et pluralisme urbain: L'arrimage d'une pédiatrie à la diversité de son milieu	ALVAREZ, Fernando / BIBEAU, Gilles / LAUDY, Danielle	\$53,889	\$8,760	3 Yr(s)	HUP	
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	
FRANCO, Eduardo L McGill University Biomarkers of cervical cancer risk	COUtlÉE, François / MATLASHEWSKI, Gregory J / POLLAK, Michael N / ROGER, Michel	\$104,529		3 Yr(s)	POP	

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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	
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	
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	

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FRITZLER, Marvin J University of Calgary Novel late endosome, early lysosome and proteasome autoantigens		\$107,689		5 Yr(s)	CIB	
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	
GALIANA, Henrietta L McGill University The role of CNS topology in sensory-motor control strategies		\$78,822		4 Yr(s)	BME	
GAUDINE, Alice P Memorial University of Newfoundland The functioning of hospital ethics committees for clinical practice and nurses, and physicians; use of these committees	LEFORT, Sandra M / THORNE, Linda	\$50,000		3 Yr(s)	HPM	

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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	
GERMAIN, Anne Hôpital du Sacré-Coeur de Montréal Pathophysiology and functional neuroanatomy of PTSD during sleep	SOUCY, Jean-Paul	\$103,165		5 Yr(s)	BSC	Pending
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	
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	

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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)	E	
GINSBERG, Jeffrey S McMaster University Determining the risk of fetal loss in women with unprovoked venous thromboembolism(VTE) who do not have identifiable inherited thromophilia compared with women who have the diagnosis of VTE excluded.	JULIAN, James A / KEARON, Clive / MUELLER, Valerie M / TRAN, Huyen A	\$89,683		3 Yr(s)	CSB	
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	

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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	
GODT, Dorothea A University of Toronto Cadherin function in cell surface organization		\$127,805	\$14,648	3 Yr(s)	DEV	
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)	IT	

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GOSSARD, Jean-Pierre Université de Montréal Differential transmission in primary afferent terminals		\$98,237	\$68,033	5 Yr(s)	MOV	
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	
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	
GRAF, Peter University of British Columbia Technology usability across the adult lifespan	KLAWA, Maria M / MCGRENERE, Joanna L	\$64,818		3 Yr(s)	SDA	

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GRAHAM, Janice E Dalhousie University (Nova Scotia) Risks and regulation of novel therapeutic products: A case study of biologics and emerging genetic technologies		\$126,456	\$19,424	4 Yr(s)	ELH	
GRANDBOIS, Michel Université de Sherbrooke Biomechanical implication of advanced glycation end-products in diabetic complications.		\$91,696	\$29,000	3 Yr(s)	BME	
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	
GRATTON, Jean-Philippe Institut de recherches cliniques de Montréal Intracellular trafficking and degradation of the VEGF receptor-2: Influence on endothelial cell signaling		\$100,183		5 Yr(s)	CSC	

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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	
GRIBBLE, Paul L University of Western Ontario Computational mechanisms of motor learning		\$68,702		5 Yr(s)	BSC	
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	
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	

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GUITTON, Daniel McGill University Montreal Neurological Institute Oculomotor control in hemidecorticate patients		\$50,937		5 Yr(s)	BSC	
HADJISTAVROPOULOS, Thomas University of Regina (Saskatchewan) The impact of fear of pain and fear of falling among seniors with moderate to severe dementia	ASMUNDSON, Gordon J / MCCREARY, Donald R	\$68,076		3 Yr(s)	SDA	
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	
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	

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HANCOCK, Robert Ernest W University of British Columbia Design and function of antimicrobial peptides		\$108,527		3 Yr(s)	MI	
HANIFORD, David B University of Western Ontario Molecular mechanism of tn10 and tn5 transposition		\$148,453		5 Yr(s)	BMB	
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	
HARDEN, Nicholas Simon Fraser University (Burnaby, B.C.) Characterization of effector kinases for the small GTPase cdc42 in Drosophila		\$92,939	\$18,093	3 Yr(s)	DEV	

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<p>HATHAWAY, Andrew D The Centre for Addiction and Mental Health (Toronto) The Centre for Addiction & Mental Health (Toronto) Cannabis use as self-medication: A study of Canadian compassion club clients</p>	<p>ERICKSON, Patricia G / PAWLUCH, Dorothy</p>	<p>\$24,017</p>		<p>3 Yr(s)</p>	<p>PSD</p>	
<p>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</p>	<p>HARRIGAN, Richard P / SIROIS, Suzanne</p>	<p>\$48,197</p>		<p>9 Mths</p>	<p>PUB</p>	
<p>HAVENS, Betty PAYNE, Barbara J University of Manitoba Influenza immunization, an indicator of self- care: Researchers and policy-makers' roles in increasing immunization coverage among older Manitobans and Canadians</p>	<p>GUSE, Lorna W / MENEK, Verena H</p>	<p>\$80,182</p>		<p>3 Yr(s)</p>	<p>HPM</p>	

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HAYDEN, Michael R University of British Columbia Tissue-specific contributions to functions of ABCA1		\$151,581		5 Yr(s)	G	
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	
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)	G	

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HERSCOVICS, Annette A McGill University Mechanisms of glycoprotein biosynthesis - role of mammalian class I mannosidases		\$131,073		3 Yr(s)	CP	
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	
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	
HIRASAWA, Kensuke Memorial University of Newfoundland Interaction of interferon-induced antiviral responses and Ras signalling pathways		\$94,342	\$13,028	3 Yr(s)	VVP	

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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	
HOLLENBERG, Morley D University of Calgary Tyrosine kinases, proteinases, their receptors, endothelial diversity and vascular function		\$101,618		4 Yr(s)	CSC	
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	
HUIZINGA, Jan D McMaster University Interstitial cells of Cajal and control of gastrointestinal motility		\$164,051	\$24,437	5 Yr(s)	EM	

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IKURA, Mitsuhiro University Health Network (Toronto) Ontario Cancer Institute (Toronto) Signaling mechanisms of bacteria stress response		\$80,773		3 Yr(s)	BMA	
IRETON, Keith University of Toronto Molecular mechanisms of entry of the bacterial pathogen <i>Listeria monocytogenes</i>		\$97,288		3 Yr(s)	MI	
ISENRING, Paul Université Laval Hôtel-Dieu de Québec Molecular characterization of NKCC1 and oCCC1/CIP1		\$113,982	\$10,600	5 Yr(s)	CSA	
JAMES, Michael N University of Alberta Structural and mechanistic studies of serine, aspartic and viral proteinases and their inhibitors		\$280,755		5 Yr(s)	BMA	

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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)	RS	
JANSSEN, Ian M Queen's University (Kingston, Ontario) Obesity, sarcopenia, and health risk in the elderly		\$53,248	\$5,000	3 Yr(s)	BCA	
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	
JENKINS, David J University of Toronto Lipoprotein turnover on high and low fat portfolio diets	KENDALL, Cyril W / LAMARCHE, Benoît	\$147,871		3 Yr(s)	NUT	

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JEVNIKAR, Anthony M University of Western Ontario Regulation of renal tubular epithelial cell injury to promote kidney allograft survival	DU, Caigan	\$122,987		5 Yr(s)	IT	
JOHNSON, Philip E York University (Toronto, Ontario) Structural investigations of RNA-protein complexes and RNA-binding proteins		\$102,869		3 Yr(s)	BMA	
JOSELYN, Sheena A Hospital for Sick Children (Toronto) The role of the transcription factor CREB in mammalian memory		\$109,306		3 Yr(s)	BSA	
JUNOP, Murray S McMaster University Crystallographic studies of DNA repair proteins involved in non-homologous DNA end joining		\$97,080		3 Yr(s)	BMA	

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JURILOFF, Diana M University of British Columbia Mechanisms leading to cleft lip in the A/wySn mouse model	HARRIS, Muriel J / MAGER, Dixie L	\$131,269		5 Yr(s)	DS	
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	
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	

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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	
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	
KARKOUTI, Keyvan University Health Network (Toronto) Predictors of massive blood loss in cardiac surgery: Development and validation of a simple prediction rule	BEATTIE, William S / IVANOV, Joan / YAU, Terrence M	\$81,797		1 Yr(s)	HSI	

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KASTRUKOFF, Lorne F University of British Columbia Natural killer (NK) cells and natural killer T (NKT) cells in Herpes simplex virus Type 1 (HSV 1) infection in mice	TAKEI, Fumio	\$98,400		3 Yr(s)	VVP	
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	
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	
KEILLOR, Jeffrey W Université de Montréal A method for fluorescent labelling of gene products to monitor their expression and interactions	MICHNICK, Stephen W	\$89,749		3 Yr(s)	BMA	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
<p>KEITH, Mary E BRIET, Francoise St. Michael's Hospital (Toronto) Does nutrient supplementation influence cardiac function, structure and survival by altering energy metabolism?</p>	<p>MAZER, David / STEWART, Duncan J</p>	<p>\$77,900</p>		<p>2 Yr(s)</p>	<p>NUT</p>	
<p>KENNEDY, Susan M University of British Columbia Assessing knowledge transfer and exchange in occupational health: A case study using mental models</p>	<p>DOWLATABADI, Hadi / NICOL, Anne-Marie / SHOVELLER, Jean A</p>	<p>\$77,939</p>	<p>\$3,823</p>	<p>1 Yr(s)</p>	<p>KTE</p>	
<p>KENNEDY, Timothy E McGill University Montreal Neurological Institute Role of the netrin receptor DCC in synaptogenesis and synaptic plasticity.</p>		<p>\$98,968</p>	<p>\$3,900</p>	<p>5 Yr(s)</p>	<p>NSB</p>	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
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	
KIRSHENBAUM, Lorrie A University of Manitoba Cytoprtoective role of nuclear factor kappa beta in heart		\$109,773		5 Yr(s)	CSA	
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	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
<p>KOROMILAS, Antonis E Sir Mortimer B. Davis Jewish General Hospital- Mtl The role of site-specific stat1 phosphorylation in oncogene-mediated tumorigenesis and its implications in the development of breast cancer</p>		\$94,423		5 Yr(s)	BMB	
<p>KOROPATNICK, D. James University of Western Ontario Metallothionein in monocyte function, hormone responsiveness, and signal transduction protein activity</p>		\$101,382		3 Yr(s)	PT	
<p>KRAHN, Murray D University Health Network (Toronto) Toronto General Hospital Population based estimates of cost and quality of life in community dwelling HCV patients</p>	<p>ANIS, Aslam H / HEATHCOTE, Elizabeth Jane J / KRAJDEN, Mel / POURBOHLOUL, Babak / SHADMANI, Ramak / TOMLINSON, George A / YOSHIDA, Eric M</p>	\$149,754	\$6,000	3 Yr(s)	HSI	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
KRAJINOVIC, Maja Hôpital Sainte-Justine (Montréal) Genetic determinants of the response to anticancer drugs in childhood acute lymphoblastic leukemia		\$57,184		1 Yr(s)	CPT	
KUHNLEIN, Harriet V McGill University Aguaruna and ingano food system interventions: Culture, environment and health	CREED-KANASHIRO, Hilary M / EGELAND, Grace M / ZULUAGA, German	\$108,336		3 Yr(s)	ABH	
KUMAR, Ujendra McGill University Structure-function and regulation of somatostatin receptors		\$110,499		3 Yr(s)	E	
LABBE, Jean-Claude Université de Montréal Establishment and maintenance of cell polarity in <i>C. elegans</i>		\$93,127		3 Yr(s)	DEV	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
LACHAPELLE, Pierre The Res. Inst. of the McGill University Health Ctr Montreal Children's Hospital Research Institute Retinopathy of prematurity: Retinal and postretinal structural and functional consequences	CASANOVA, Christian F / CHEMTOB, Sylvain	\$124,959	\$22,530	3 Yr(s)	CIA	
LAIRD, Dale W BAI, Donglin BERNIER, Suzanne M KIDDER, Gerald M University of Western Ontario Cx43 mutations linked to human disease		\$136,277	\$6,399	4 Yr(s)	DS	
LAMOTHE, Lise BROUSSELLE, Astrid M Université de Montréal Analyse des processus d'intégration des soins et services de 2e et 3e lignes pour les personnes souffrant de troubles concomitants de santé mentale et de toxicomanie	BROWN, Thomas G / MERCIER, Céline / PERREAULT, Michel	\$60,536	\$7,800	3 Yr(s)	HSR	

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LANIUS, Ruth A University of Western Ontario Neuroimaging of pain in posttraumatic stress disorder and borderline personality disorder	CECHETTO, David F / COUPLAND, Nicholas J / HEGADOREN, Kathleen M / NEUFELD, Richard W / WILLIAMSON, Peter C	\$81,687		3 Yr(s)	BSB	
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	
LAPORTE, Stéphane A McGill University Royal Victoria Hospital (Montreal) Regulation of G protein-coupled receptor internalization		\$95,780	\$7,000	4 Yr(s)	PT	
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	

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<p>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</p>		\$103,803	\$40,933	3 Yr(s)	CSB	
<p>LAZURE, Claude Institut de recherches cliniques de Montréal Enzymology of prohormone convertase 1/3 (PC1/3) and the regulated pathway of secretion</p>		\$97,441		3 Yr(s)	E	
<p>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</p>	<p>CHAN, Sammy / MANCINI, G. B. J</p>	\$38,150		2 Yr(s)	NUT	

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LEBRUN, Jean-Jacques McGill University Royal Victoria Hospital (Montreal) Regulation of cell growth and hormone production by activin in pituitary cells and human pituitary tumours.		\$101,467		5 Yr(s)	E	
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	
LEDERMAN, Susan J Queen's University (Kingston, Ontario) Haptic face processing		\$100,294		5 Yr(s)	BSC	
LEE, Stephen University of Ottawa VHL loss kidney cancer: Finding novel targets for therapy		\$104,652		3 Yr(s)	CPT	Pending

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LEENEN, Frans H University of Ottawa University of Ottawa Heart Institute Brain mechanisms and sympathetic hyperactivity in genetic models of salt-sensitive hypertension	TESSON-RULKO, Frédérique / TUANA, Balwant S	\$142,368		5 Yr(s)	CSB	
LEHNER, Richard University of Alberta Molecular characterization of hepatic esterases		\$91,889		3 Yr(s)	M	
LEPAGE, Martin Université de Sherbrooke A novel platform of magnetic resonance imaging contrast agents for non-invasive in vivo monitoring of MMP activity: From synthesis to in vivo imaging	ESCHER, Emanuel / PAQUETTE, Benoît	\$83,897		3 Yr(s)	MPI	
LEROUX, Michel R Simon Fraser University (Burnaby, B.C.) Link between cilia function and obesity		\$97,744		2 Yr(s)	CBM	

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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	
LEVINE, Joel D University of Toronto Social influence of circadian clocks in Drosophila		\$86,287		5 Yr(s)	NSB	
LI, Gang University of British Columbia Role of ING2 in repair of UV-damaged DNA and melanoma pathogenesis		\$89,473		3 Yr(s)	CBM	
LI, Yung-Hua Dalhousie University (Nova Scotia) Identification of virulence-associated genes in Streptococcus mutans by a genome-scale functional analysis		\$91,468	\$9,896	4 Yr(s)	DS	

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LINSDELL, Paul Dalhousie University (Nova Scotia) Mechanisms of chloride channel permeation		\$138,666		5 Yr(s)	CP	
LIU, 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)	NSB	
LIU, Paul X Dalhousie University (Nova Scotia) Inteins and protein splicing		\$121,737		5 Yr(s)	BMB	
LIVESLEY, William J University of British Columbia Motivational processes and cognitions associated with personality disorder	JANG, Kerry L	\$70,472		2 Yr(s)	BSB	

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LOCKE, John University of Alberta Matching lethal mutations to genes on chromosome 4 of Drosophila		\$57,761		4 Yr(s)	GM X	
LOPASCHUK, Gary D University of Alberta Energy metabolism in the newborn heart	REBEYKA, Ivan M	\$118,531	\$12,000	5 Yr(s)	CSB	
LOUTZENHISER, Rodger D University of Calgary Myogenic properties of the renal afferent arteriole		\$82,812	\$10,962	5 Yr(s)	EM	
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	

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LU, Wei-Yang Sunnybrook and Women's College Health Sciences Ctr Acetylcholinesterase in brain aging		\$114,149		3 Yr(s)	BCA	
LUO, Yu University of Saskatchewan RecA-like recombinases: Structure, design and mechanism		\$130,134	\$11,622	5 Yr(s)	BMA	
MACAULAY, Calum E University of British Columbia B.C. Cancer Research Centre (Vancouver) Tomographic reconstruction microscopy	LANE, Pierre	\$50,000		2 Yr(s)	MPI	
MACCALMAN, Colin D University of British Columbia Structure, function and regulation of the cadherin-11 complex in the human placenta		\$99,127	\$2,870	3 Yr(s)	CIA	

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MACMILLAN, Andrew M University of Alberta Structural and functional characterization of spliceosome assembly and activation		\$99,589	\$17,123	5 Yr(s)	BMA	
MADRENAS, Joaquin John P. Robarts Research Institute (London, Ont.) Regulation of CTLA-4 function by PP2A		\$148,632		5 Yr(s)	IT	
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	
MAI, Sabine University of Manitoba Mechanisms of genomic instability		\$83,826		3 Yr(s)	MCC	

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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	
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)	HSI	
MARCEAU, François Université Laval Centre de recherche de L'Hôtel-Dieu de Québec Ion trapping and cell vacuolization: Consequences for the safety and efficacy of basic drugs		\$90,279		3 Yr(s)	PT	

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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	
MARCIL, Michel McGill University Royal Victoria Hospital (Montreal) Role of secretory sphingomyelinase in high density lipoprotein remodeling		\$87,617		3 Yr(s)	M	
MARCZYNSKI, Gregory T McGill University Developmental and cell-cycle control of chromosome replication		\$139,277	\$20,760	5 Yr(s)	BMB	

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<p>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</p>	<p>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</p>	<p>\$121,486</p>	<p>\$15,395</p>	<p>4 Yr(s)</p>	<p>PSD</p>	
<p>MAXWELL, Colleen J TEARE, Gary F University of Calgary Potentially avoidable hospitalization of institutionalized older persons</p>	<p>HOGAN, David B / LEWIS, Steven J / WALKER, Jennifer D</p>	<p>\$50,280</p>		<p>2 Yr(s)</p>	<p>HSR</p>	
<p>MAZER, Bruce D McGill University Montreal Children's Hospital Research Institute IL-13+ B cells: What is their role in allergic airway disease?</p>		<p>\$91,269</p>		<p>3 Yr(s)</p>	<p>RS</p>	

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<p>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</p>	<p>BOUTIN, Pierrette / GINGRAS, Nathalie / MERETTE, Chantal / ROULEAU, Nancie / ROY, Marc-André</p>	<p>\$76,770</p>		<p>5 Yr(s)</p>	<p>BSB</p>	
<p>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</p>	<p>CHAGNON, Yvon C / ROY, Marc-André</p>	<p>\$161,813</p>		<p>5 Yr(s)</p>	<p>BSB</p>	
<p>MCBURNEY, Michael W Ottawa Health Research Institute Ottawa Regional Cancer Centre Role of sirT1 in aging and cancer susceptibility</p>		<p>\$148,223</p>		<p>5 Yr(s)</p>	<p>CBM</p>	

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<p>MCGEER, Allison J VALIQUETTE, Louis MCGEER, Allison J VALIQUETTE, Louis</p> <p>Mount Sinai Hospital (Toronto)</p> <p>Derivation of clinical prediction rules to identify patients with complicated outcomes after the diagnosis of clostridium difficile associated diarrhea</p>	<p>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</p>	<p>\$253,737</p>		<p>3 Yr(s)</p>	<p>HSR</p>	
<p>MCGILVRAY, Ian D</p> <p>University Health Network (Toronto)</p> <p>University of Toronto</p> <p>The molecular genetics of hepatitis C viral infection: Defining novel therapeutic and pathogenic mechanisms in acute and chronic disease</p>	<p>HEATHCOTE, Elizabeth Jane J</p>	<p>\$154,149</p>		<p>3 Yr(s)</p>	<p>VVP</p>	
<p>MCINTOSH, Anthony R</p> <p>Baycrest Centre for Geriatric Care (Toronto)</p> <p>Rotman Research Institute (Toronto, Ontario)</p> <p>Linking brain and behaviour through neural context</p>	<p>LOBAUGH, Nancy J</p>	<p>\$142,989</p>	<p>\$9,540</p>	<p>5 Yr(s)</p>	<p>BSC</p>	

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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	
MCRORY, John E University of Calgary Molecular and biophysical characterization of the CAV1.4 L-type calcium channel		\$84,214		3 Yr(s)	NSB	
MEANEY, Michael J Douglas Hospital Research Centre (Verdun, Québec) Estrogen receptor alpha and individual differences in maternal behaviour		\$104,849		3 Yr(s)	BSA	
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	

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MERALI, Zulfiqar University of Ottawa Role of peptides in the regulation of food intake: Relationship to stress		\$134,644		5 Yr(s)	BSA	
MERGLER, Donna Université du Québec à Montréal Effects of methylmercury exposure on visual functions in the Brazilian Amazon	FAUBERT, Jocelyn / FRENETTE, Benoit / GUIMARAES, Jean Rémy D / RENAUD, Judith	\$146,578		3 Yr(s)	PUB	
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	
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	

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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	
MILLS, Rosemary S HASTINGS, Paul D SERBIN, Lisa A University of Manitoba Harnessing and extending Canadian developmental trajectories research on early- emerging internalizing problems	ABELA, John R / COPLAN, Robert / COX, Brian J / ELGAR, Frank J / ETEZADI, Jamshid / FREEMAN, Wendy S / SCHWARTZMAN, Alex E / STACK, Dale M	\$148,290		5 Yr(s)	CHI	
MINK, Steven N BOSE, Deepak JACOBS, Hans K LIGHT, Robert B University of Manitoba Lysozyme: A novel mediator of cardiac adrenergic dysfunction in septic shock		\$74,937	\$24,927	3 Yr(s)	CSB	

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MITCHELL, Jane A University of Toronto Glucocorticoid regulation of G protein-activated phospholipase C and glucocorticoid-induced osteoporosis		\$115,145		4 Yr(s)	PT	
MONTPLAISIR, Jacques Y Hôpital du Sacré-Coeur de Montréal Diagnostic et physiopathologie du syndrome d'impatiences musculaires(Restless Legs Syndrome)	DAGHER, Alain / DUMONT, Marie / LAVIGNE, Gilles J	\$94,740		5 Yr(s)	BSB	
MORALES, Carlos R McGill University The interactomics of sortilin, a novel sorting receptor implicated in multiple lysosomal disorders		\$129,757		5 Yr(s)	M	

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MORT, John S McGill University Shriners Hospital for Children (Montréal) Structure-function studies of enzymes involved in the synthesis and degradation of glycosaminoglycans	CYGLER, Mirek / WITHERS, Stephen G	\$130,257		3 Yr(s)	BMA	
MORTOLA, Jacopo P McGill University Hypoxia and the embryonic development of the metabolic control of breathing		\$50,352	\$1,874	3 Yr(s)	RS	
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	

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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	
MURPHY, Timothy H University of British Columbia Determining the rules for high frequency synaptic signalling at CNS synapses		\$117,854		5 Yr(s)	NSB	
MURUVE, Daniel A University of Calgary The role of integrins in progressive kidney disease		\$96,145		3 Yr(s)	EM	
MUSTARD, Cameron A Institute for Work & Health (Toronto) Canadian trends in socioeconomic inequality in avoidable mortality: 1985-2002	ETCHES, Jacob / MANUEL, Douglas G / TOMPA, Emile	\$119,482		2 Yr(s) 6 Mths	PUB	Pending

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MYMRYK, Joseph S University of Western Ontario London Regional Cancer Program Molecular genetic analysis of adenovirus E1A function		\$109,086		5 Yr(s)	MCC	
NADER, Karim K McGill University Towards an understanding of reconsolidation		\$127,428		5 Yr(s)	BSA	
NAGY, James I University of Manitoba Regulation of CNS glial connexins and gap junctions	LI, Xinbo / PERREAULT, Helene	\$86,981		3 Yr(s)	NSB	
NALBANTOGLU, Joséphine McGill University Gene therapy of experimental tumours	MASSIE, Bernard	\$114,800		3 Yr(s)	CPT	

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NGUYEN, Minh D Université Laval Centre hospitalier de l'Université Laval (Québec) Defining the functions of P600 in the developing and adult central nervous system		\$106,194		3 Yr(s)	NSB	Pending
NGUYEN, Peter V University of Alberta Mouse models of memory impairment		\$106,001	\$18,818	3 Yr(s)	BSA	
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	
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	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
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	
OUELLETTE, Marc Université Laval Drug resistance mechanisms in the human pathogen Leishmania		\$134,218		5 Yr(s)	MI	
PAPADOPOULOU, Barbara Université Laval Centre hospitalier de l'Université Laval (Québec) Developmental regulation of gene expression in the parasitic protozoan Leishmania		\$128,822	\$13,334	5 Yr(s)	BMB	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
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	
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	
PARK, Morag McGill University Shc in breast tumour angiogenesis	HUNTSMAN, David G / SAUCIER, Caroline	\$113,400	\$13,434	3 Yr(s)	CPT	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
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	
PELLETIER, Jerry M McGill University Translation initiation and cancer: Role of the ribosome recruitment step		\$140,858		5 Yr(s)	BMB	
PENCHARZ, Paul B Hospital for Sick Children (Toronto) Use of indicator acid oxidation to determine amino acid requirement	BALL, Ronald O	\$152,967		5 Yr(s)	NUT	
PENG, Chun York University (Toronto, Ontario) Characterization of the nodal signaling pathway in epithelial ovarian cancer cells		\$75,768	\$10,491	3 Yr(s)	E	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
PERSAD, Sujata McMaster University Hamilton Regional Cancer Centre (Ontario) Role of O-glycosylation post-translational modification of B-catenin in regulating its transcriptional function, oncogenic properties and breast cancer progression		\$89,613		3 Yr(s)	CPT	
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	
PETROF, Basil J McGill University Strategies for therapy of respiratory muscle failure in muscular dystrophy		\$117,703		5 Yr(s)	RS	
PFAUS, James G Concordia University (Montreal, Quebec) Neural and behavioural mechanisms of conditioned sexual response		\$93,070	\$38,155	4 Yr(s)	BSA	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
PHILLIPS, Anthony G University of British Columbia Dopamine and incentive motivation: Links to depression		\$91,278		5 Yr(s)	BSA	
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	
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	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
<p>PIN, Christopher L University of Western Ontario London Health Sciences Centre (London, Ontario) The role of mist1 in regulating exocrine pancreatic function and susceptibility to pancreatitis</p>		\$100,000		3 Yr(s)	CBM	
<p>PLEWES, Donald B Sunnybrook and Women's College Health Sciences Ctr Adaptive MRI for surveillance of hereditary breast cancer</p>	<p>CAUSER, Petrina A / JONG, Roberta A / MARTEL, Anne L</p>	\$74,478	\$2,636	3 Yr(s)	MPI	
<p>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</p>	<p>ROSENTHAL, Kenneth L</p>	\$103,443		3 Yr(s)	VVP	

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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)	MCC	
POIRIER, Judes 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	
POST, Martin Hospital for Sick Children (Toronto) Molecular regulation of pulmonary phosphatidylcholine synthesis		\$132,312		5 Yr(s)	RS	

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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	
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	
PROCHAZKA, Arthur University of Alberta Sensorimotor control		\$95,331		3 Yr(s)	MOV	
PROUD, Christopher G University of British Columbia Regulation of the MAP kinase-interacting kinases and their roles in the control of gene expression		\$157,809	\$55,063	5 Yr(s)	BMB	

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PTITO, Maurice Université de Montréal Les mécanismes cérébraux de la perception du mouvement	CASANOVA, Christian F	\$87,137		5 Yr(s)	BSC	
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	
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	

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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	
RANCOURT, Derrick E University of Calgary Implantation serine proteinases: Structure and function		\$142,940		5 Yr(s)	G	
RASSART, Eric Université du Québec à Montréal Structure and function of apolipoprotein D		\$110,874		3 Yr(s)	M	
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	

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RATCLIFFE, Michael J Sunnybrook and Women's College Health Sciences Ctr Control of B lymphocyte ontogeny		\$152,050		5 Yr(s)	IT	
REDELMEIER, Donald A Sunnybrook and Women's College Health Sciences Ctr Statins and sepsis	HACKAM, Daniel G / KISS, Alexander J / MAMDANI, Muhammad M / SIBBALD, William J	\$40,044		2 Yr(s)	HSR	
RENAUD, Leo P Ottawa Health Research Institute Hypothalamic neuroregulatory mechanisms		\$127,889		5 Yr(s)	NSA	
RENTON, Kenneth W Dalhousie University (Nova Scotia) The handling of morphine in patients with a severe CNS trauma/inflammation	HALL, Richard I	\$50,000		2 Yr(s)	PS	
RIBEIRO-DA-SILVA, Alfredo McGill University Plasticity of skin innervation following peripheral nerve lesions		\$141,871		5 Yr(s)	NSB	

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RICHARD, Lucie Université de Montréal Implementing the ecological approach in health promotion and disease prevention programs for the older adults: A case study	DENIS, Jean-Louis / DUCHARME, Francine C / GAUVIN, Lise / GOSSELIN, Celine	\$58,768		2 Yr(s)	HSR	
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	
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	

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RIVARD, Alain Centre Hosp. de l'Université de Montréal (CHUM) Hôpital Notre-Dame (Montréal) Modulation of ischemia-induced postnatal neovascularization by clinical phenotype: Role of oxidative stress		\$103,074		5 Yr(s)	CSC	
RIVEST, Serge Université Laval Neuronal circuitry and molecular mechanisms involved in the neuroendocrine-immune interaction		\$182,610		5 Yr(s)	E	
ROBINSON, Wendy P University of British Columbia Prenatally detected chromosome mosaicism	LANGLOIS, Sylvie F / VON DADELSZEN, Peter	\$137,137		5 Yr(s)	G	

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<p>ROCHON, Paula A ANDERSON, Geoffrey M BIERMAN, Arlene S BRONSKILL, Susan E STUKEL, Therese A</p> <p>Baycrest Centre for Geriatric Care (Toronto) Institute for Clinical Evaluative Sciences- Toronto</p> <p>Exploring the association between the ownership status of Ontario's long-term care facilities and the quality of care</p>	<p>HILLMER, Michael</p>	<p>\$73,802</p>		<p>3 Yr(s)</p>	<p>HSI</p>	
<p>RODER, John C</p> <p>Mount Sinai Hospital (Toronto) Samuel Lunenfeld Research Institute (Toronto)</p> <p>The role of class I metabotropic glutamate receptors in synaptic plasticity</p>		<p>\$125,747</p>		<p>5 Yr(s)</p>	<p>NSB</p>	
<p>RODIN, Gary M</p> <p>University Health Network (Toronto) Princess Margaret Hospital (Toronto)</p> <p>The quality of death in metastatic cancer and its relationship to antecedent factors and bereaved primary caregiver morbidity</p>	<p>GAGLIESE, Lucia / HALES, Sarah A / ZIMMERMANN, Camilla</p>	<p>\$101,861</p>		<p>5 Yr(s)</p>	<p>PSD</p>	

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ROMANS, Sarah E Sunnybrook and Women's College Health Sciences Ctr Mood changes and daily life	BENAZON, Nili R / EINSTEIN, Gillian / KREINDLER, David / LAREDO, Sheila E / LEVITT, Anthony J / MORGAN, Kathryn / STEWART, Donna E / TONER, Brenda B	\$131,508	\$6,000	3 Yr(s)	GSH	
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	
ROOTMAN, Irving BEGORAY, Deborah L University of Victoria (British Columbia) Development of measures of health literacy for Canadian schools	FRANKISH, Charles J / LIPKA, Orly / MACDONALD, Marjorie A / SHOVELLER, Jean A / VUKOVIC, Rose K / WHARF HIGGINS, Joan / ZUMBO, Bruno D	\$100,546		3 Yr(s)	CHI	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
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	
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	
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	
ROSKAMS, Jane University of British Columbia Olfactory ensheathing cell-induced mechanisms of regeneration		\$102,787		3 Yr(s)	CBM	

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ROUCOU, Xavier Université de Sherbrooke Molecular activity of prion protein oligomers in health and diseases		\$87,882	\$41,950	3 Yr(s)	CBM	
ROUSSEAU, Guy Hôpital du Sacré-Coeur de Montréal Université de Montréal Converging evidence for limbic damage following myocardial infarct in the rat	GODBOUT, Roger	\$63,550	\$7,000	1 Yr(s)	PT	
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	
RUTKA, James T Hospital for Sick Children (Toronto) The role of cytoskeletal GTPases in astrocytoma migration		\$99,220		5 Yr(s)	CBM	

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SACHDEV, Robert N Université Laval Centre de recherche Université Laval-Robert-Giffard (QC) Whisker movement and sensation		\$75,727	\$35,692	3 Yr(s)	NSB	Pending
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	
SAKIC, Boris McMaster University Brain-reactive autoantibodies: Origin, structure, and effects on behaviour	MACRI, Joseph	\$97,115		3 Yr(s)	BSA	
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	

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SAREEN, Jitender University of Manitoba Mental health sequelae of peace keeping operations and correlates of perceived need for mental health treatment in a large population- based sample of Canadian forces personnel	ASMUNDSON, Gordon J / COX, Brian J / STEIN, Murray B	\$29,871		3 Yr(s)	PSB	
SARFATI, Marika Centre Hosp. de l'Université de Montréal (CHUM) Immune response of CD47-deficient mice		\$145,028		5 Yr(s)	IT	
SARRET, Philippe Université de Sherbrooke Régulation des récepteurs de la neurotensine: implication dans le contrôle de la douleur		\$103,417		3 Yr(s)	NSB	
SAWYNOK, Jana Dalhousie University (Nova Scotia) Peripheral regulation of nociception by antidepressants, purines and noradrenaline		\$95,940		5 Yr(s)	PT	

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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	
SCHEID, Michael P York University (Toronto, Ontario) Novel mechanisms of PDK1 regulation and substrate phosphorylation		\$95,614		3 Yr(s)	MCC	
SCHELLHORN, Herbert E McMaster University Global control of expression of the RpoS regulon in Escherichia coli		\$87,486		3 Yr(s)	MI	
SCHERER, Stephen W Hospital for Sick Children (Toronto) Large-scale variation in the human genome		\$157,448		5 Yr(s)	GM X	

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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	
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	
SCHOECK, Frieder McGill University Investigation of genes required for cell spreading and migration in Drosophila tissue culture and morphogenesis		\$116,115		3 Yr(s)	DEV	
SCHURR, Erwin A The Res. Inst. of the McGill University Health Ctr Genetic dissection of leprosy susceptibility		\$204,937		5 Yr(s)	G	

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SCHWARTZMAN, Kevin The Res. Inst. of the McGill University Health Ctr Incidence of serious adverse events in patients taking anti-tuberculosis drugs in Québec	BARKUN, Alan N / BARTLETT-ESQUILANT, Gillian / MENZIES, Richard (Dick) / TANNENBAUM, Terry N	\$42,400		2 Yr(s)	HSI	
SCOTT, Paul G University of Alberta Structure and function of small leucine-rich repeat-containing macromolecules of the extracellular matrix		\$114,329		3 Yr(s)	DS	
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	
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	

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SERGIO, Lauren E York University (Toronto, Ontario) Stages of visuomotor transformation in human and non-human primates		\$109,380		5 Yr(s)	MOV	
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	
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	
SHIZGAL, Peter Concordia University (Montreal, Quebec) Neural mechanisms of reward		\$78,802		5 Yr(s)	BSA	

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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	
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	
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	

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SMIEJA, Marek J McMaster University The Canadian HIV vascular study	GOUGH, Kevin A / LONN, Eva / ROSENTHAL, Kenneth L / SMAILL, Fiona M / THABANE, Lehana	\$109,294		5 Yr(s)	CSB	
SMILEY, James R University of Alberta The Herpes simplex virus virion host shutoff protein		\$144,742		5 Yr(s)	VVP	
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	
SONG, Weihong University of British Columbia Regulation of the BACE1 gene expression in the Alzheimer's Disease pathogenesis		\$99,523		3 Yr(s)	BCA	

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SORISKY, Alexander M Ottawa Health Research Institute Regulation of adipogenesis		\$90,569		4 Yr(s)	M	
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	
SOUSSI GOUNNI, Abdelilah University of Manitoba The molecular basis of igE mediated neutrophil survival in asthma		\$107,609		5 Yr(s)	RS	
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)	MI	

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SQUIRE, Jeremy A ZIELENSKA, Maria University Health Network (Toronto) Ontario Cancer Institute (Toronto) Osteosarcoma - a paradigm for understanding acquisition of chromosomal instability phenotype in human cancer	THORNER, Paul S	\$125,516		3 Yr(s)	CPT	Pending
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	
STANFORD, William L AUBIN, Jane E BRUNEAU, Benoit G HUGHES, Timothy R ROSSANT, Janet University of Toronto The Centre for Modeling Human Disease Gene Trap Resource		\$366,808		3 Yr(s)	GM X	

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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	
STEINHAUER, Karsten McGill University Electrophysiological investigations of prosodic processing	BAUM, Shari R / PALMER, Caroline	\$84,499		3 Yr(s)	BSC	
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	
STEWART, Duncan J St. Michael's Hospital (Toronto) Pathophysiological relevance of endothelin-1 overexpression	HUSAIN, Mansoor	\$114,171		5 Yr(s)	CSC	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
STOCHAJ, Ursula McGill University Nuclear transport of heat shock proteins		\$119,016	\$15,000	5 Yr(s)	CP	
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	
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	
STRYNADKA, Natalie C University of British Columbia Structural and inhibitory analysis of antibiotic resistance mechanisms in pathogenic bacteria		\$150,306	\$78,150	5 Yr(s)	BMA	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
STYS, Peter K Ottawa Health Research Institute White matter excitotoxicity		\$161,275		5 Yr(s)	NSA	
SULLIVAN, Robert Université Laval A primate animal model for the development of a contraceptive strategy applicable to men		\$101,580		3 Yr(s)	E	
SUTHERLAND, Robert J University of Lethbridge (Alberta) Hippocampal dentate gyrus damage and cognitive deficits: An evaluation of restoration of function after regrowth of neural circuitry		\$117,788	\$22,600	5 Yr(s)	BSA	
SZECHTMAN, Henry McMaster University Obsessive-compulsive disorder as a disturbance of motivation	WOODY, Erik Z	\$78,901		3 Yr(s)	BSA	
TAKANO, Tomoko McGill University Mechanisms of glomerular barrier dysfunction		\$103,140		5 Yr(s)	EM	

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TANNENBAUM, Cara Institut universitaire de gériatrie de Montréal Confidence and continence: Self-efficacy for improving incontinence in older adults	AHMED, Sara / CORCOS, Jacques / DUMOULIN, Chantal / KORNER- BITENSKY, Nicol A / LEPAGE, Christiane	\$68,765	\$2,500	2 Yr(s)	BCA	
TANSWELL, A. K Hospital for Sick Children (Toronto) Regulation of normal and oxygen-mediated aberrant postnatal lung growth by growth factors		\$133,281		5 Yr(s)	RS	
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	
TER KEURS, Hendrik E University of Calgary Ca ²⁺ waves induce arrhythmias in non-uniform myocardium		\$82,790		5 Yr(s)	CSA	

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THEORET, Hugo DEAL, Cheri L Hôpital Sainte-Justine (Montréal) Genetic imprinting in Turner syndrome: Neurophysiology, neuropsychology and anatomy of social cognition	LASSONDE, Maryse	\$113,775		3 Yr(s)	BSB	
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	
THOMAS, David Y McGill University The endoplasmic reticulum interactome	GEHRING, Kalle B / HALLETT, Michael T	\$256,762	\$4,401	5 Yr(s)	GM X	
THORNE, Sally E University of British Columbia Communication in cancer care: The trajectory of interaction between patients and health care professionals	HARRIS, Susan R / HISLOP, T. Gregory / KIM- SING, Charmaine / OLIFFE, John L / STAJDUHAR, Kelli I	\$70,181		3 Yr(s)	PSD	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
TIELEMAN, Dirk P University of Calgary Computer simulations of ABC transporters		\$95,325		5 Yr(s)	BMA	
TONELLI, Marcello A University of Alberta The role of place and relocation in the care of Canadians with end-stage renal disease	BERTAZZON, Stefania / CULLETON, Bruce F / GILL, John S / HEMMELGARN, Brenda R / MANNNS, Braden J / SENTHILSELVAN, Ambikaipakan	\$58,652		3 Yr(s)	HSR	
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	

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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)	GSH	
TRIGATTI, Bernardo L McMaster University Role of bone marrow cell derived SR-BI in the development of atherosclerosis		\$108,176		3 Yr(s)	CSC	
TRIGGS-RAINE, Barbara L University of Manitoba Characterization of the role of hyaluronidases in hyaluronan turnover		\$136,860	\$54,447	3 Yr(s)	G	
ULUDAG, Hasan University of Alberta Peptide-guided polymeric carriers of DNA for gene therapy		\$104,246		3 Yr(s)	BME	

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ULUDAG, Hasan University of Alberta Targeting bFGF to bone for systemic stimulation of bone formation		\$138,361		4 Yr(s)	PS	
VAN HUYSSSE, James W University of Ottawa University of Ottawa Heart Institute Roles of the brain Na, K-ATPase alpha isoforms in the regulation of blood pressure		\$91,591	\$20,010	3 Yr(s)	CSB	
VERGE, Valerie M University of Saskatchewan Sensory neuron injury, repair and maladaptive consequences: Role of neurotrophins		\$123,692	\$46,000	3 Yr(s)	NSB	
VITKIN, I. A University Health Network (Toronto) Endoscopic Doppler optical coherence tomography for gastrointestinal imaging	DICKENSHEETS, David L / MARCON, Norman E / WILSON, Brian C / YANG, Victor (\$113,340	\$122,200	4 Yr(s)	MPI	

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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)	CP	
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	
WANG, Rennian University of Western Ontario Pancreatic beta-cell development: Role of the c-kit receptor tyrosine kinase and its ligand		\$100,576		3 Yr(s)	M	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
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	
WANG, Zhixiang University of Alberta Regulation of EGF receptor endocytosis		\$127,941		5 Yr(s)	CBM	
WARD, Helen LE, Nhu D University of British Columbia A cohort study of nurses' offspring examining adverse reproductive effects and childhood cancer	ARBOUR, Laura T / GALLAGHER, Richard P / RATNER, Pamela A / SPINELLI, John Joseph / TESCHKE, Kay	\$105,022	\$3,500	2 Yr(s)	POP	
WATTS, Tania H University of Toronto Costimulation of human T cell responses		\$87,081		5 Yr(s)	IT	

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WEAVER, Donald F Dalhousie University (Nova Scotia) Design and synthesis of novel antiepileptogenic drugs		\$101,393		5 Yr(s)	PS	
WEINER, Joel H University of Alberta Bacterial complex II homologs as models for mitochondrial electron transfer		\$106,227		3 Yr(s)	BMA	
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	
WEKERLE, Christine M University of Western Ontario Maltreatment and adolescent pathways longitudinal study	BOYLE, Michael H / LEUNG, Erman / MACMILLAN, Harriet L / TROCME, Nico / WALL, Anne-Marie	\$178,522	\$11,032	5 Yr(s)	GSH	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
WELLINGER, Raymund J Université de Sherbrooke Structure and function of the yeast telomerase RNA		\$127,143		3 Yr(s)	BMB	
WELLS, Peter G HENDERSON, Jeffrey T University of Toronto Free radical determinants of neurodegenerative disease		\$116,076	\$80,000	5 Yr(s)	PS	
WESTAWAY, David University of Toronto Genomic dissection of the gamma-secretase enzyme family		\$87,810	\$3,000	3 Yr(s)	NSA	
WHELAN, Patrick J University of Calgary Dopaminergic control of locomotion in the neonatal mouse		\$91,025		5 Yr(s)	MOV	

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WHITE, John H McGill University Role of direct target genes of retinoic acid in mediating its antiproliferative action	LOHNES, David L / MADER, Sylvie N	\$155,185		4 Yr(s)	GM X	
WHITMAN, Stewart C University of Ottawa University of Ottawa Heart Institute The role of the immune system in atherosclerosis: Bacterial pathogens and the participatory function of toll-like receptors and caspase-1 in the disease process		\$107,518		5 Yr(s)	CSC	
WILKINSON, Mark D University of British Columbia St. Paul's Hospital, Vancouver A domain-ontology for ischemic heart disease: Supporting the shared understanding and re-use of research data, knowledge, and models	MCMANUS, Bruce M	\$67,199		3 Yr(s)	GM X	

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<p>WILSON, Alan A GINOVART, Nathalie The Centre for Addiction and Mental Health (Toronto) The Centre for Addiction & Mental Health (Toronto) PET imaging of the dopamine D2 high affinity state in humans</p>	<p>HOULE, Sylvain / KAPUR, Shitij</p>	<p>\$109,003</p>	<p>\$9,618</p>	<p>3 Yr(s)</p>	<p>BSB</p>	
<p>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</p>	<p>CIBERE, Jolanda / KOPEC, Jacek A / MACKAY, Alexander L</p>	<p>\$76,670</p>		<p>3 Yr(s)</p>	<p>BME</p>	
<p>WILSON, Kevin S University of Alberta Regulation of ribosomal translocation by translation factor EF-G and GTP hydrolysis</p>		<p>\$119,365</p>		<p>5 Yr(s)</p>	<p>BMB</p>	

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<p>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</p>	<p>ANDERSON, Geoffrey M / MCGILLIS HALL, Linda / PINK, George H / TEARE, Gary F</p>	<p>\$50,000</p>		<p>2 Yr(s)</p>	<p>HPM</p>	
<p>WONG, Florence S University Health Network (Toronto) Toronto General Hospital An evaluation of kidney segmental tubular contribution to sodium retention in patients with compensated liver cirrhosis: A pathophysiological approach</p>		<p>\$48,662</p>		<p>2 Yr(s)</p>	<p>EM</p>	
<p>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</p>		<p>\$91,758</p>		<p>3 Yr(s)</p>	<p>EM</p>	

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WOODGETT, James (Jim) R University Health Network (Toronto) Functional roles of glycogen synthase kinase-3 in cellular regulation and disease		\$134,726		5 Yr(s)	MCC	
WOODHOUSE, Kimberly A ZANDSTRA, Peter W University of Toronto 3-dimensional biodegradable polyurethane matrices to support the integration of stem cell derived cardiomyocytes in an ischemic heart	RABOLT, John F	\$132,181	\$45,000	5 Yr(s)	BME	
WOODWARD, Todd S Direct Payment Riverview Hospital (Port Coquitlam, B.C.) Functional neuroimaging of the hippocampo- prefrontal neural system across the spectrum of schizophrenia	HONER, William G	\$71,586		3 Yr(s)	BSB	
WOZNIAK, Richard W University of Alberta Molecular analysis of nuclear pore complex function		\$165,878		5 Yr(s)	CP	

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WRANA, Jeffrey L Mount Sinai Hospital (Toronto) The TGFbeta-par6 pathway in breast cancer metastasis		\$198,370		5 Yr(s)	MCC	
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)	CPT	
WYNNE-EDWARDS, Katherine E Queen's University (Kingston, Ontario) Neuroendocrinology of paternal behaviour		\$96,656		5 Yr(s)	BSA	
XIAO, Wei University of Saskatchewan Roles of mammalian mms2-ubc13 complex in DNA postreplication repair and tumorigenesis		\$134,192		5 Yr(s)	G	

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YANG, Burton B Sunnybrook and Women's College Health Sciences Ctr The role of the large aggregating chondroitin sulfate proteoglycan versican in angiogenesis		\$69,036		3 Yr(s)	CSC	
YEH, Wen-Chen University Health Network (Toronto) Effect of inflammatory signaling on apoptosis regulation and DNA damage responses		\$136,645		5 Yr(s)	IT	
YEUNG, Rae S Hospital for Sick Children (Toronto) Kawasaki Disease: On our way to unraveling the pathogenesis		\$125,929		3 Yr(s)	CIB	
YOUNG, Howard S University of Alberta Molecular insights into the mechanisms of regulation and recovery of cytosolic calcium during cardiac muscle relaxation		\$104,478		5 Yr(s)	BMA	

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ZAMPONI, Gerald W University of Calgary G protein regulation of N-type calcium channels		\$158,973		5 Yr(s)	NSA	
ZHEN, Mei Mount Sinai Hospital (Toronto) Samuel Lunenfeld Research Institute (Toronto) Roles of ALK (anaplastic lymphoma kinase) and other FSN-1-regulated signaling pathways during synaptogenesis		\$143,909		5 Yr(s)	DEV	
ZINGG, Hans H McGill University Molecular mechanisms of oxytocin action		\$97,154		5 Yr(s)	E	
ZOCHODNE, Douglas W University of Calgary Nerve regeneration: Collaboration and signals		\$82,710		5 Yr(s)	NSA	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
ZUNZUNEGUI, Maria-Victoria Université de Montréal Health differences in later life: A study of gender and social exclusion as determinants of health and functioning in the urban elderly populations of Latin America	COPPIN, Antonia / ESTHER MARIA LEON DIAZ, Techy / FROHLICH, Katherine L / GUERRA, Ricardo O / HAM- CHANDE, Roberto / HENNIS, Anselm / JOHRI, Mira / MARIN, Pedro P / VISSANDJEE, Bilkis	\$57,156		2 Yr(s)	GSH	

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Peer Review Committees

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

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

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