

Results of the 15/09/2006 200609MOP Operating Grant Competition

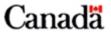
Updated: 10/09/2007

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
LAI, Raymond K Alberta Cancer Board (Edmonton) ALK-expressing anaplastic large cell		\$106,389		4 Yr(s)	СРТ	
lymphoma: Pathogenesis and novel therapeutics						
ANDERSON, Nicole D Baycrest Centre for Geriatric Care (Toronto) Baycrest Hospital (North York) Memory interventions for older adults	CABEZA, Roberto E / GRADY, Cheryl L / GRAHAM, Simon J / JENNINGS, Janine M	\$116,128		3 Yr(s)	BSB	
GRADY, Cheryl L Baycrest Centre for Geriatric Care (Toronto)	ALAIN, Claude	\$68,268		5 Yr(s)	BCA	
Baycrest Hospital (North York) The effect of aging on processing of spatial and nonspatial information in the auditory and visual systems						

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WADE, Terrance J CAIRNEY, John		\$46,804		2 Yr(s)	GSH	
Brock University (Ontario) Mental health issues surrounding single parent fathers and mothers: The intersection of family structure and gender						
CÔTÉ, José GODIN, Gaston Centre Hosp. de l'Université de Montréal (CHUM) Evaluation d'un programme d'interventions sur mesure "tailored" visant à optimiser l'adhésion à la prise des antirétroviraux auprès de personnes vivant avec le VIH	COX, J. J / GUÉHÉNEUC, Yann-Gaël P / LALONDE, Richard R / LOISELLE, Carmen G / OTIS, Joanne / RAMIREZ GARCIA, Maria Pilar / TREMBLAY, Cécile L	\$53,474		4 Yr(s)	HSI	
MUKADDAM-DAHER, Suhayla Centre Hosp. de l'Université de Montréal (CHUM) Effects of sympathetic inhibition in cardiac pathologies	GUTKOWSKA, Jolanta	\$70,722		3 Yr(s)	CSA	
ROULEAU, Guy A Centre Hosp. de l'Université de Montréal (CHUM) Identification of genes predisposing to Restless Legs Syndrome	DUBÉ, Marie-Pierre / MONTPLAISIR, Jacques Y	\$110,075		5 Yr(s)	G	

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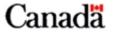


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SANTOS, Manuela M Centre Hosp. de l'Université de Montréal (CHUM) Iron metabolism and immune system interactions		\$110,643		5 Yr(s)	EM	
MEYER, Jeffrey H Centre for Addiction and Mental Health (Toronto) Neurochemical aspects of depression in women: Monoamine oxidase A in the postpartum period	HOULE, Sylvain / STEWART, Donna E / WILSON, Alan A	\$103,447		3 Yr(s)	GSH	
ROSS, Lori E Centre for Addiction and Mental Health (Toronto) Social locations, social connectedness, and postpartum depression	BOURGEAULT, Ivy L / CAIRNEY, John / DENNIS, Cindy-Lee E / STEELE, Leah S	\$100,000		1 Yr(s)	GSH	
WELLS, Samantha L Centre for Addiction and Mental Health (Toronto) Centre for Addiction and Mental Health Foundation	GRAHAM, Kathryn (Kate) M / TREMBLAY, Paul F	\$57,704		3 Yr(s)	PSD	
The development and validation of a multidimensional inventory measuring attitudes toward male-to-male alcohol-related aggression						

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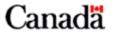


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KUMAR, Ashok Children's Hospital of Eastern Ontario (Ottawa) Resistance to HIV-vpr-induced apoptosis and	KRYWORUCHKO, Marko A / MCBRIDE, Heidi M	\$95,774		3 Yr(s)	VVP	
its regulation in human monocytic cells RYDER, Andrew G NOH, Samuel	BAGBY, Robert M	\$128,850		3 Yr(s)	PSB	
Concordia University (Montreal, Quebec) Centre for Addiction and Mental Health Foundation						
Somatic and psychological symptom focus in asian-Canadians: The role of cultural and individual differences in the psychopathology, assessment, and treatment of depression						
SACHER, Michael G Concordia University (Montreal, Quebec) Identification and characterization of factors interacting with the multisubunit vesicle tethering complex TRAPP I		\$118,546		5 Yr(s)	BMB	
SCHWARTZMAN, Alex E ABRAHAMOWICZ, Michal M HASTINGS, Paul D	SERBIN, Lisa / STACK, Dale M / TAMBLYN, Robyn M	\$126,667		4 Yr(s)	PSD	
Concordia University (Montreal, Quebec) The bioecological dimensions of mental and physical health across three generations						

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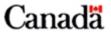


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WROSCH, Carsten Concordia University (Montreal, Quebec) Self-regulation on common age-related challenges: Benefits for older adults' psychological and physical health	LUPIEN, Sonia J / MILLER, Gregory E / PRUESSNER, Jens C	\$75,401		5 Yr(s)	PSB	
DUGAS, Michel J Concordia University (Montreal, Quebec) Hôpital du Sacré-Coeur de Montréal Cognitive-behavioural treatment of generalized anxiety disorder: Impact of cognitive processing on short- and long-term outcomes	BUKOWSKI, William M / GAUDET, Adrienne / PHILLIPS, Natalie A / RADOMSKY, Adam S / SAVARD, Pierre / TURCOTTE, Julie	\$50,041		5 Yr(s)	PSB	
ANINI, Younes Dalhousie University (Nova Scotia) Posttranslational processing of proghrelin and role of ghrelin and obestatin in the endocrine pancreas		\$94,415		3 Yr(s)	E	
BREAU, Lynn M Dalhousie University (Nova Scotia) Development and pilot testing of psychological pain management techniques for children with intellectual disabilities	FINLEY, G. A / FORGERON, Paula A / SNELGROVE-CLARKE, Erna E / STEENBEEK, Audrey	\$45,832		2 Yr(s)	СНІ	

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DARVESH, Sultan Dalhousie University (Nova Scotia) Synthesis and evaluation of butyrylcholinesterase ligands for brain imaging in dementia	BURRELL, Steven C / MATTE, Gilbert / POTTIE, Ian R	\$95,610		3 Yr(s)	BCA	
ROCKER, Graeme M Dalhousie University (Nova Scotia) Queen Elizabeth II Health Science Centre (Nova Scotia) Advanced COPD: Intervention with a modular educational program and an advanced care team. The COPD IMPACT study	HERNANDEZ, Paul / HORTON, Robert P / SINUFF, Tasnim	\$91,970		1 Yr(s) 6 Mths	PLC	
BOIVIN, Diane B Douglas Hospital Research Centre (Verdun, Québec) Circadian oscillation of clock genes in humans and resetting by environmental cues	CERMAKIAN, Nicolas	\$91,592		5 Yr(s)	BSC	
LUPIEN, Sonia J Douglas Hospital Research Centre (Verdun, Québec) Genes X stress interactions : Effects on aged human memory	JOOBER, Ridha / POIRIER, Judes	\$83,737		5 Yr(s)	BCA	

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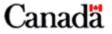


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SCHMITZ, Norbert Douglas Hospital Research Centre (Verdun, Québec)	LESAGE, Alain D / WANG, Jianli	\$50,000		2 Yr(s)	PSD	
Depression and obesity: Longitudinal relationships in the community						
BAZETT-JONES, David P Hospital for Sick Children (Toronto)		\$121,384		5 Yr(s)	ВМВ	
Genetic programming from PML nuclear bodies	•					
BOULIANNE, Gabrielle L Hospital for Sick Children (Toronto) Genetic analysis of aging in Drosophila		\$119,629		5 Yr(s)	BCA	
GORDON, Karen Ann Hospital for Sick Children (Toronto) Bilateral auditory plasticity in human		\$60,404		1 Yr(s)	СНІ	
development						
GUHA, Abhijit Hospital for Sick Children (Toronto)	RAK, Janusz	\$100,000		1 Yr(s)	СВТ	
Microenvironment induced molecular heterogeneity in glioblastoma multiforme (GBM)						

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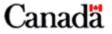


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GUIDOS, Cynthia J		\$141,964		5 Yr(s)	ITA	
Hospital for Sick Children (Toronto)		Ψ111,501		3 11(5)	1111	
Functions of notch-fringe interactions in lymphocyte development						
HARPER, Patricia A		\$100,000		1 Yr(s)	PT	
Hospital for Sick Children (Toronto)		,		` '		
Novel modulation of CYP1 gene expression by the proto-oncogene product, b-catenin						
HARRISON, Robert V		\$95,870		5 Yr(s)	BSC	
Hospital for Sick Children (Toronto)						
The programming of the neonatal auditory brain by environmental sound stimuli						
HAWKINS, Cynthia E		\$87,671		3 Yr(s)	СРТ	
Hospital for Sick Children (Toronto)						
Telomerase in paediatric ependymoma - its role as a novel prognostic marker and potential new therapy						
HOWELL, Patricia L		\$139,800		5 Yr(s)	BMA	
Hospital for Sick Children (Toronto)						
Biosynthesis and export of Pseudomonas aeruginosa alginate						

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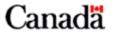


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ITO, Shinya Hospital for Sick Children (Toronto) Novel transcriptional control of human CYP3A	VYHLIDAL, Carrie A	\$111,848		3 Yr(s)	РТ	
MINASSIAN, Berge A Hospital for Sick Children (Toronto) Unraveling the pathogenesis of the autophagic vacuolar myopathies	ACKERLEY, Cameron A / MANOLSON, Morris F	\$155,879		5 Yr(s)	G	
PANG, Cho Y Hospital for Sick Children (Toronto) Angiogenic cytokine gene therapy for optimal augmentation of skin flap viability: Efficacy and mechanism		\$91,309		5 Yr(s)	CIB	
REDINGTON, Andrew N Hospital for Sick Children (Toronto) The effect of remote ischemic preconditioning on clinical and genetic responses to open heart surgery in children	MCCRINDLE, Brian W	\$97,360		1 Yr(s)	CSB	
SALTER, Michael W Hospital for Sick Children (Toronto) Regulation of NMDA receptors in synaptic transmission and plasticity		\$194,981		5 Yr(s)	NSB	

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SCHACHAR, Russell J Hospital for Sick Children (Toronto) Functional imaging of inhibitory control and error detection in attention deficit hyperactivity disorder (ADHD)	NOSEWORTHY, Michael D	\$57,139		3 Yr(s)	BSB	
STEVENS, Bonnie J Hospital for Sick Children (Toronto) Predictors of maternal/infant attendance at neonatal follow-up programs	BALLANTYNE, Marilyn L / PINELLI, Janet M / ROSENBAUM, Peter L / WILLAN, Andrew R	\$60,177		3 Yr(s)	PSD	
TANSWELL, A. K Hospital for Sick Children (Toronto) Inhibition of physiological apoptosis as a major component of chronic neonatal lung injury	JANKOV, Robert P	\$86,009		5 Yr(s)	RS	
BRUNETTE, Isabelle GERMAIN, Lucie KIEFFER, Jean-Claude VIDAL, Francois Hôpital Maisonneuve-Rosemont (Montréal)		\$105,801		3 Yr(s)	CIA	
Femtosecond laser and tissue engineering assisted corneal endothelial transplantation: Phase II						

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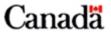


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RAMOTAR, Dindial		\$85,576		4 Yr(s)	СРТ	
Hôpital Maisonneuve-Rosemont (Montréal) Proteins involved in the transport of the antitumour drug bleomycin: Yeast to mammalian cells						
LEVY, Emile		\$95,630		4 Yr(s)	NUT	
Hôpital Sainte-Justine (Montréal)						
Physiological basis of abnormal lipid transport in CFTR-deficient enterocytes: A mechanism explaining the persistent intestinal malabsorption in cystic fibrosis						
NUYT, Anne Monique		\$72,262		3 Yr(s)	CSB	
Hôpital Sainte-Justine (Montréal)		,		()		
Is perinatal oxidative stress the primary element underlying developmental programming of hypertension and vascular dysfunction?						
RICHTER, Andrea	MITCHELL, Grant A	\$130,055		3 Yr(s)	ABH	
Hôpital Sainte-Justine (Montréal)						
Towards understanding north American Indian childhood cirrhosis, an important disease in Quebec aboriginal communities						

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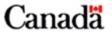


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PARENT, Stefan Hôpital Sainte-Justine (Montréal) Université de Montréal Analysis of local three-dimensional spinal and	DE GUISE, Jacques A / LABELLE, Hubert B / RIVARD, Michèle	\$58,911		3 Yr(s)	CIB	
pelvic measurements as predictive factors for progression of the spinal deformity in adolescent idiopathic scoliosis						
PAGE, Pierre L		\$51,017		1 Yr(s)	CSA	
Hôpital du Sacré-Coeur de Montréal Neurogenic substrates of atrial fibrillation						
PEARSON, Angela INRS - (Québec, QC)		\$100,517		3 Yr(s)	VVP	
Molecular mechanisms underlying the role of UL24 in Herpes simplex virus 1 replication and pathogenesis						
TALBOT, Pierre J INRS - (Québec, QC)		\$138,887		5 Yr(s)	VVP	
Interactions of human coronaviruses with the nervous system						

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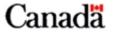


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JOSEPH, K. S ALLEN, Victoria M DENDUKURI, Nandini O'CAMPO, Patricia IWK Health Centre (Halifax) Socioeconomic status and perinatal health	ALLEN, Alexander C / DODDS, Linda / LISTON, Robert M	\$104,727		3 Yr(s)	PUB	
SMITH, Isabel M IWK Health Centre (Halifax) Effectiveness of the Nova Scotia EIBI program for young children with autistic spectrum disorders	BRYSON, Susan E / VAILLANCOURT, Tracy	\$86,230		3 Yr(s)	СНІ	
COULOMBE, Benoît Institut de recherches cliniques de Montréal Proteomic analysis of the cell machinery that interprets the human genome	BLANCHETTE, Mathieu D	\$177,500		5 Yr(s)	GMX	
DURAND, Louis-Gilles Institut de recherches cliniques de Montréal Impact of aortic stenosis and systemic arterial hypertension on coronary circulation and left ventricular function	DUMESNIL, Jean G / GARCIA, Damien / KADEM, Lyes / MATHIEU, Patrick / PIBAROT, Philippe J / RODÉS CABAU, Josep	\$112,852		3 Yr(s)	CSB	

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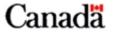


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KMITA, Marie T		\$136,484		5 Yr(s)	DEV	
Institut de recherches cliniques de Montréal		7-2-3,101		2 22(0)		
Interplay between hox genes, cell proliferation and apoptosis during embryogenesis						
ROBERT, François		\$139,632		5 Yr(s)	GMX	
Institut de recherches cliniques de Montréal						
The role of chromatin in cell cycle gene transcription and DNA replication						
VEILLETTE, André		\$114,221		5 Yr(s)	ITA	
Institut de recherches cliniques de Montréal						
Regulation of immunity and cancer by PTP-PEST						
VEILLETTE, André		\$150,294		5 Yr(s)	MCC	
Institut de recherches cliniques de Montréal						
SLAM family receptors in immunity and cancer						
FERLAND, Guylaine	ROCHFORD, Joseph	\$107,413		3 Yr(s)	NUT	
Institut universitaire de gériatrie de Montréal						
Vitamin K action in brain during growth and aging: Mechanism of action and modulation by diet						

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RAINVILLE, Pierre Institut universitaire de gériatrie de Montréal Experimental studies of the impact of emotions on pain physiology	PICHE, Mathieu / ROY, Mathieu	\$79,369		3 Yr(s)	BSC	
LEE, Ting-Yim London Health Sciences Centre Res. Inc. (Ont.) Lawson Health Research Institute (London, Ontario)	ADAMS, Paul C / CHAKRABARTI, Subrata / YEE, Siu-Pok	\$102,231		3 Yr(s)	MPI	
Perfusion and lipid imaging with a liver specific CT contrast agent to detect progression of cirrhosis to hepatocellular carcinoma						
DUFORT, Daniel McGill University Centre universitaire de santé de McGill Deciphering the signaling pathways involved in		\$115,690		5 Yr(s)	DEV	
embryo-uterine communication during implantation						
BARKER, Philip A McGill University Identifying signal transduction pathways regulated by the inhibitors of apoptosis proteins (IAPs) and their roles in cancer		\$137,889		5 Yr(s)	CBM	

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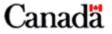


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BOWIE, Derek		\$97,033		5 Yr(s)	NSA	
McGill University						
Ionotropic kainate receptors operate by a novel gating mechanism						
CHACRON, Maurice Jacques		\$86,052		5 Yr(s)	NSA	
McGill University						
Experimental and theoretical approaches applied to sensory processing						
CYBULSKY, Andrey V		\$106,076		5 Yr(s)	EM	
McGill University						
Activation of glomerular epithelial cells by complement						
GOTO, Yukiori		\$71,187		3 Yr(s)	NSA	
McGill University						
Neurodevelopmental investigation for identification of prefrontal cortical alterations distinguishing schizophrenia and ADHD						
HESS, Robert F		\$96,030		5 Yr(s)	BSC	
McGill University						
Neural dysfunction in human amblyopia						

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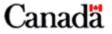


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JONES, Barbara E McGill University		\$117,856		5 Yr(s)	BSA	
Arousal systems: Orexin and other hypothalamic neurons						
KIMMINS, Sarah		\$107,777		3 Yr(s)	Е	
McGill University Epigenetic regulation of male germ cell transcription: Does methylation of histone H3 at lysine 4 control key events in male germ cell differentiation?						
KINGDOM, Frederick A		\$58,963		5 Yr(s)	BSC	
McGill University Color vision and image analysis						
LAMARCHE-VANE, Nathalie McGill University		\$117,446		3 Yr(s)	СВМ	
Intracellular mechanisms regulated by the axon guidance cue netrin-1						
LASKO, Paul F	SONENBERG, Nahum	\$125,911		5 Yr(s)	G	
McGill University Translational control in eukaryotic development						

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MOITESSIER, Nicolas R McGill University		\$49,500		2 Yr(s)	PS	
Improvement of FITTED for the virtual screening, synthesis and biological evaluation of covalent reversible inhibitors of POP, a prolyl-specific peptidase implicated in Alzheimer's disease						
MUSALLAM, Wissam McGill University		\$95,106		5 Yr(s)	MOV	
Static and dynamic reach encoding by the parietal and premotor cortices: Application to brain machine interfaces						
NAGAR, Bhushan McGill University		\$99,469		5 Yr(s)	BMA	
Structural analysis of mechanisms of protein kinase regulation						
PICCIRILLO, Ciriaco A McGill University		\$119,838		5 Yr(s)	ITB	
Functional dynamics of foxp3+ regulatory T cells in vivo						

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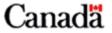


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PIKE, G. Bruce McGill University	ARNOLD, Douglas L	\$121,323		5 Yr(s)	MPI	
Functional magnetic resonance imaging of brain physiology						
SHEN, Shi-Hsiang McGill University The roles of miRNAs in oncogenesis		\$93,557		3 Yr(s)	СРТ	
TAMBLYN, Robyn M BUCKERIDGE, David L McGill University	CADIEUX, Genevieve / CARSLEY, John / JACQUES, André	\$64,357		2 Yr(s)	POP	
Automated syndromic surveillance: Validation of physician billing claims accuracy						
TONE, Andrea McGill University		\$50,570		3 Yr(s)	HUP	
Cold war psychiatry in Quebec: The promises and perils of the new psychopharmacology						
WEILER, Hope A McGill University	RODD, Celia J	\$132,883		3 Yr(s)	NUT	
Vitamin D dose-response study to establish dietary requirements in infants						

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WING, Simon S		\$100,777		3 Yr(s)	PLC	
McGill University		Ψ100,777		3 11(3)	TLC	
Function of USP19 deubiquitinating enzyme in muscle wasting						
FIXMAN, Elizabeth D		\$100,800		3 Yr(s)	RS	
McGill University		,,				
Meakins Christie Labs (Québec)						
Cell permeable peptides targeting STAT-6 and inhibition of allergic airways disease						
PETROF, Basil J		\$104,827		5 Yr(s)	RS	
McGill University		, , , , , , , , , , , , , , , , , , ,		(-)		
Meakins Christie Labs (Québec)						
The relationship between proinflammatory mediator expression and diaphragm dysfunction						
		** **********************************			ar.	
MCPHERSON, Peter S		\$144,854		5 Yr(s)	CP	
McGill University						
Montreal Neurological Institute						
Probing biological outcomes of a proteomic analysis of clathrin-coated vesicles						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
HIJCCAIN Cobob N		\$04.705		2 Vr(a)	CSC	
HUSSAIN, Sabah N McGill University		\$94,705		3 Yr(s)	CSC	
Royal Victoria Hospital (Montreal)						
Mechanisms of angiopoietin/tie-2 signaling in endothelial cells						
ROUGHLEY, Peter J		\$93,002		5 Yr(s)	CIB	
McGill University						
Shriners Hospital for Children (Montréal)						
The function of the leucine-rich repeat proteoglycans of connective tissues						
ASHKAR, Ali A		\$113,104		5 Yr(s)	VVP	
McMaster University						
Role of IL-15 and NK cells in innate defense against mucosal viral infection						
AUSTIN, Richard C		\$112,316		5 Yr(s)	CSC	
McMaster University						
Role of TDAG51 to the development and progression of atherothrombotic disease						

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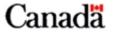


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
COOMBES, Brian K McMaster University		\$97,068		5 Yr(s)	MI	
Identification and regulation of integrated virulence genes during salmonella pathogenesis						
O'DONNELL, Martin J YUSUF, Salim McMaster University	GLADSTONE, David J / KAPRAL, Moira K / OCZKOWSKI, Wieslaw J /	\$114,879		3 Yr(s)	POP	Pending
INTERSTROKE: Importance of conventional and emerging risk factors for stroke in different regions of the world and in different ethnic groups: A pilot case-control study	SAPOSNIK, Gustavo / XAVIER, Denis B					
ORTEGA, Joaquin		\$108,544		5 Yr(s)	BMA	
McMaster University						
Structural and functional analysis of macromolecular machines involved in the protein quality control system						
SINDING, Christina GOULD, Judith A McMaster University Negotiating equity: Toward the elimination of disparities in cancer care	ARONSON, Jane / FITCH, Margaret I / HUDAK, Pamela L / KELLER- OLAMAN, Susan / LEARN, Linda / NELSON, Jennifer J / SUSSMAN, Jonathan / WIERNIKOWSKI, Jennifer	\$80,676		4 Yr(s)	HSR	

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TRUANT, Ray McMaster University		\$108,640		5 Yr(s)	СВМ	
Investigating the potential of a membrane association signal in the huntingtin protein as a new drug target for Huntington's Disease						
WAN, Yonghong McMaster University Tumour immunotherapy with oncolytic virus and cancer vaccines	LICHTY, Brian D	\$121,168		5 Yr(s)	СВТ	
RAHMAN, Proton Memorial University of Newfoundland Further genetic and functional characterization of Candidate genes/regions in psoriatic arthritis	GLADMAN, Dafna D / INMAN, Robert D / TSUI, Florence W	\$132,644		3 Yr(s)	CIB	
MERHI, Yahye Montreal Heart Institute Signaling and function of P-selectin in atherothrombosis		\$98,839		4 Yr(s)	CSC	
NATTEL, Stanley Montreal Heart Institute Mechanisms and consequences of atrial ionic		\$170,935		5 Yr(s)	CSB	

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WANC Thioma		¢124 190		4 Vn(s)	РТ	
WANG, Zhiguo Montreal Heart Institute		\$124,189		4 Yr(s)	PI	
Post-transcriptional repression of ion channels by the muscle-specific microRNAs miR-1 and miR-133 and the potential implications in electrophysiologic remodeling in failing heart						
BOCKING, Alan D	CHALLIS, John R / REID,	\$96,070		5 Yr(s)	CIA	
Mount Sinai Hospital (Toronto)	Gregor					
Role of lactobacilli in maternal and perinatal health						
CULOTTI, Joseph G		\$71,640		3 Yr(s)	G	
Mount Sinai Hospital (Toronto)						
Samuel Lunenfeld Research Institute (Toronto)						
Molecular genetic analysis of biogenic amine signaling in C. elegans						
DRUCKER, Daniel J		\$111,393		5 Yr(s)	M	
Mount Sinai Hospital (Toronto)		,		. ,		
Samuel Lunenfeld Research Institute (Toronto)						
Elucidating the role of GIP in glucose homeostasis						

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LYE, Stephen J Mount Sinai Hospital (Toronto) Samuel Lunenfeld Research Institute (Toronto) Extra villous trophoblast mediated utero- placental vascular remodelling	DUNK, Caroline E / KEATING, Sarah J / MAXWELL, Cynthia V	\$128,562		5 Yr(s)	Е	
LYE, Stephen J Mount Sinai Hospital (Toronto) Samuel Lunenfeld Research Institute (Toronto) Gene-environment interactions underlying the developmental origins of health and disease	BEILIN, Lawrence J / BRIOLLAIS, Laurent / CHALLIS, John R / DOHERTY, Dorota A / MATTHEWS, Stephen G / NEWNHAM, John P / OZCELIK, Hilmi / PALMER, Lyle J / PENNELL, Craig E / SIMINOVITCH, Katherine A / STANLEY, Fiona J / VAN EEKELEN, Johanna A / ZUBRICK, Stephen R	\$136,276		3 Yr(s)	CIA	
ADDISON, Christina L Ottawa Health Research Institute Role of extracellular matrix in resistance to antiangiogenic therapies		\$100,000		1 Yr(s)	СРТ	

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BELL, John C Ottawa Health Research Institute	ATKINS, Harold L	\$110,259		5 Yr(s)	VVP	
Virus: Host interactions during oncolytic virus therapy						
BRAND, Marjorie C Ottawa Health Research Institute		\$129,194		3 Yr(s)	GMX	
Systems biology approach to elucidate the role of SCL/TAL-1 in T-cell acute lymphoblastic leukemia						
KENNEDY, Christopher R Ottawa Health Research Institute		\$110,721		5 Yr(s)	EM	
Function of prostaglandin EP receptor Subtypes in glomerular disease						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
KNOLL, Gregory FERGUSSON, Dean A Ottawa Health Research Institute Novel markers to improve the detection of declining kidney function	AKBARI, Ayub / CANTAROVICH, Marcelo / GILL, John S / GOURISHANKAR, Sita / KIBERD, Bryce A / LEPAGE, Nathalie / MUIRHEAD, Norman / PRASAD, G.V. R / RAMSAY, Timothy O / TIBBLES, Lee Anne / TRELEAVEN, Darin J / WHITE, Christine A	\$46,180		5 Yr(s)	HSI	
KOTHARY, Rashmi K		\$134,823		5 Yr(s)	CBM	
Ottawa Health Research Institute Dystonin/bpag1 - a versatile linker protein						
MEGENEY, Lynn A Ottawa Health Research Institute The role of caspase mediated DNA cleavage in cell differentiation		\$93,447		3 Yr(s)	G	
STIELL, Ian G Ottawa Health Research Institute A study to develop clinical decision rules for the hospital admission of patients with acute dyspnea	AARON, Shawn D / BRISON, Robert J / CALDER, Lisa A / FORSTER, Alan J / PERRY, Jeffrey J / ROWE, Brian H / WELLS, George A	\$116,951		3 Yr(s)	HSI	

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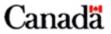


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
WEN, Shi Wu Ottawa Health Research Institute Folic acid supplementation in early second trimester and the risk of preeclampsia	PERKINS, Sherry L / RODGER, Marc A / SMITH, Graeme N / WALKER, Mark C / YANG, Qiuying	\$131,363		3 Yr(s)	PUB	
YANG, Qiuying Ottawa Health Research Institute Perinatal outcomes in pregnancy women treated with antidepressants	BRADWEJN, Jacques / FERGUSSON, Dean A / KOREN, Gideon / WALKER, Mark C / WEN, Shi Wu	\$71,564		1 Yr(s)	PUB	
TASCA, George Ottawa Health Research Institute Ottawa Hospital General Campus (Ottawa Ontario) Optimizing outcomes for binge eating, depression and weight loss for obese women with binge eating disorder by matching to group psychological treatments based on level of attachment anxiety	BALFOUR, Louise C / BISSADA, Hany E / KRYSANSKI, Valerie L / PRYDE, Kirsti A / RITCHIE, Kerri	\$52,762		2 Yr(s)	GSH	
SCHREINER, L. J Queen's University (Kingston, Ontario) Kingston Regional Cancer Centre (Ontario) Improved polymer gel dosimetry for clinical radiation therapy	DARKO, Johnson / MCAULEY, Kim B / SALOMONS, Gregory J	\$71,481		3 Yr(s)	MPI	

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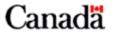


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AMSDEN, Brian G	PANG, Stephen C	\$89,514		4 Yr(s)	PS	
Queen's University (Kingston, Ontario)						
Injectable formulation for growth factor delivery						
BANFIELD, Bruce W		\$97,365		5 Yr(s)	VVP	
Queen's University (Kingston, Ontario)						
AlphaHerpesvirus cell-to-cell spread						
CRAIG, Andrew W		\$94,565		3 Yr(s)	ITB	
Queen's University (Kingston, Ontario)						
Regulation of mast cell activation and inflammation						
FLANAGAN, John R		\$99,928		5 Yr(s)	BSC	
Queen's University (Kingston, Ontario)		,		` ,		
Sensorimotor processes underlying object manipulation						
LEVESQUE, Linda E	BROPHY, James M /	\$102,749		2 Yr(s)	POP	
Queen's University (Kingston, Ontario)	DASKALOPOULOU,	φ102,749		2 11(8)	101	
Antithrombotic treatment intensity and the risk	Styliani / DENDUKURI,					
of hemorrhagic complications in the elderly: A population-based study	Nandini / MAYO, Nancy E					

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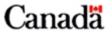


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
FENSTER, Aaron Robarts Research Institute (London, Ont.) Development of 3D ultrasound techniques for carotid artery disease assessment and monitoring	PARRAGA, Grace / SPENCE, John D	\$112,861		5 Yr(s)	MPI	
GROS, Robert Robarts Research Institute (London, Ont.) Regulators of G-protein-coupled receptor- mediated vascular responses		\$80,041		3 Yr(s)	CSC	
MADRENAS, Joaquin Robarts Research Institute (London, Ont.) The role of SLP-2 in TCR signalosome assembly and T cell activation		\$121,389		5 Yr(s)	ITA	
PASTERNAK, Stephen H Robarts Research Institute (London, Ont.) Characterizing the role of the endosomal/ lysosomal system in Alzheimer's Disease	FERGUSON, Stephen S	\$99,248		3 Yr(s)	BCA	

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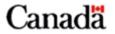


Operating Amount	Equipment Term	PRC **	Status
Atiya N / onne L /	3 Yr(s)	SDA	
ri J / Karin H /	4 Yr(s)	NUT	
\$92,892	5 Yr(s)	СР	
\$62,815	2 Yr(s)	PS	
V F	Atiya N / (vonne L / F M, C. Laird / \$151,469 Jiri J / Karin H / B. J \$92,892	Atiya N / (vonne L / F M, C. Laird / \$151,469 4 Yr(s) Siri J / , Karin H / . B. J \$92,892 5 Yr(s)	Atiya N / (vonne L / F

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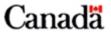


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
CHERTKOW, Howard M Sir Mortimer B. Davis Jewish General Hospital-Mtl Lady Davis Institute for Medical Research (Mtl) Establishing prognostic subgroups in mild cognitive impairment	DIKSIC, Mirko / KABANI, Noor J	\$114,007		5 Yr(s)	BSB	
TAGALAKIS, Vicky KAHN, Susan R Sir Mortimer B. Davis Jewish General Hospital- Mtl Lady Davis Institute for Medical Research (Mtl) The effect of sex on the epidemiology of venous thromboembolic disease	BOIVIN, Jean-François / MORIDE, Yola / OPATRNY, Lucie	\$50,681		2 Yr(s)	GSH	
EISENBERG, Mark J Sir Mortimer B. Davis Jewish General Hospital- Mtl Cardiac outcomes in patients with metabolic syndrome: A systematic review and hierarchical Bayesian meta-analysis	FILION, Kristian B / GENEST, Jacques Jr. / JOSEPH, Lawrence / PILOTE, Louise / POIRIER, Paul / RINFRET, Stéphane / SCHIFFRIN, Ernesto L	\$56,408		2 Yr(s)	KTE	

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HUDSON, Marie Sir Mortimer B. Davis Jewish General Hospital- Mtl	BARON, Murray / STEELE, Russell J / WOOD- DAUPHINEE, Sharon L	\$72,560		3 Yr(s) 6 Mths	POP	
Development and validation of a patient- assessed disease activity Index in systemic sclerosis						
PONKA, Premysl		\$93,919		5 Yr(s)	PS	
Sir Mortimer B. Davis Jewish General Hospital- Mtl						
Chelation, mobilization and metabolism of storage iron						
RICHARD, Stéphane		\$123,893		5 Yr(s)	CBT	
Sir Mortimer B. Davis Jewish General Hospital- Mtl						
The role of arginine methylation of MRE11 in mediating the DNA damage response						
RICHARD, Stéphane		\$141,186		5 Yr(s)	MCC	
Sir Mortimer B. Davis Jewish General Hospital- Mtl						
The role of the STAR RNA binding protein sam68 in regulating cell migration and proliferation in cancer						

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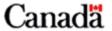


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
SCHIFFRIN, Ernesto L Sir Mortimer B. Davis Jewish General Hospital- Mtl Vascular remodeling in hypertension: From	-	\$108,240		5 Yr(s)	CSB	
genes to mice to humans						
LINKS, Paul S CUTCLIFFE, John R St. Michael's Hospital (Toronto) Understanding the risk of suicide associated with recent discharge	BALDERSON, Kenneth E / BERGMANS, Yvonne / HARDER, Henry G / HOCH, Jeffrey S / NISENBAUM, Rosane	\$100,030		2 Yr(s)	HSI	
STEWART, Duncan J St. Michael's Hospital (Toronto) Role of angiopoietins in regulation of		\$82,600		3 Yr(s)	CSC	
angiogenesis						
KO, Dennis T. Sunnybrook Health Sciences Centre Institute for Clinical Evaluative Sciences- Toronto	ALTER, David A / AUSTIN, Peter C / STUKEL, Therese A / TU, Jack V	\$122,022		3 Yr(s)	HSR	
Evaluating and improving the quality of care and outcomes of percutaneous coronary interventions in Canada						

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ANDERSON, Michele K Sunnybrook Health Sciences Centre Roles of the transcription factors HEBAlt and		\$118,425		5 Yr(s)	ITA	
HEB in T cell development						
DUMONT, Daniel J Sunnybrook Health Sciences Centre		\$132,466		5 Yr(s)	CSA	
Biochemical and genetic characterization of the TEK/TIE-2 signaling pathway						
STANISZ, Greg J CHENG, Hai-Ling M LOBAUGH, Nancy J MORSHEAD, Cindi M		\$149,851		4 Yr(s)	MPI	
Sunnybrook Health Sciences Centre						
In-vivo monitoring of neural recovery following stem-cell therapies in an animal model of stroke						
GOODYER, Paul R The Res. Inst. of the McGill University Health Ctr		\$109,446		3 Yr(s)	EM	
McGill University PAX2, WNTS, and the pathogenesis of polycystic kidney disease						

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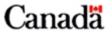


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
HENDERSON, Janet E	HACKING, Adam S	\$144,526		5 Yr(s)	BME	
The Res. Inst. of the McGill University Health Ctr		, ,-,-				
McGill University						
Molecular control of skeletal regeneration and repair						
REED, Michael B		\$96,728		3 Yr(s)	MI	
The Res. Inst. of the McGill University Health Ctr						
Montreal General Hospital						
The unique adaptations of the Mycobacterium tuberculosis "beijing" family - not all tuberculosis strains are created equal						
BOURQUE, Charles W		\$137,669		5 Yr(s)	NSA	
The Res. Inst. of the McGill University Health Ctr				. ,		
Role of TRPV channels in the thermal and osmotic control of vasopressin neurons						
MURAI, Keith		\$133,188		5 Yr(s)	NSB	
The Res. Inst. of the McGill University Health Ctr						
Neuron-glial mechanisms that regulate synaptic morphology and function						

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OLIVIER, Martin	BOHLE, David S	\$95,331		3 Yr(s)	СВМ	
The Res. Inst. of the McGill University Health Ctr	DOTILL, David 5	ф <i>73</i> ,331		3 11(8)	CDM	
Hemozoin crystal: A metabolic waste responsible for inflammatory-related pathologies developed during malaria infection						
RABBANI, Shafaat A		\$118,188		5 Yr(s)	MCC	
The Res. Inst. of the McGill University Health Ctr		,		` '		
Role of urokinase type plasminogen activator (uPA) in tumour invasion and metastasis						
SALEH, Maya		\$93,738		3 Yr(s)	ITB	
The Res. Inst. of the McGill University Health Ctr						
Caspase-12, crohn's disease and the inflammasome						
BRADLEY, Douglas T	CHAN, Christopher T / FLORAS, John S / PAUL,	\$119,814		5 Yr(s)	RS	
Toronto Rehab Institute Pathophysiology and treatment of sleep apnea in heart and renal failure	Narinder S					

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KONTOS, Pia C Toronto Rehab Institute Embodied selfhood and person-centred dementia care: Exploring an arts-informed educational intervention	BALLON, Bruce C / COTT, Cheryl A / JAGLAL, Susan B / MCGILTON, Katherine S / MITCHELL, Gail J / POLAND, Blake D	\$94,680		2 Yr(s)	SDA	Pending
KHOKHA, Rama University Health Network (Toronto) Ontario Cancer Institute (Toronto) Molecular determinants of osteosarcoma		\$151,702		3 Yr(s)	CBT	
LIU, Fei-Fei University Health Network (Toronto) Ontario Cancer Institute (Toronto) Quest for the "stem cell" in nasopharyngeal carcinoma	ALAJEZ, Nehad / BASTIANUTTO, Carlo	\$73,702		1 Yr(s) 6 Mths	СРТ	
ZHENG, Gang University Health Network (Toronto) Ontario Cancer Institute (Toronto) Near-infrared imaging and photodynamic therapy of prostate cancer using aptamer-directed lipoprotein nanoplatform	TRACHTENBERG, John / WILSON, Brian C	\$120,494		3 Yr(s)	CBT	

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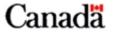


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
DAVIS, Karen D University Health Network (Toronto) Toronto Western Hospital Human studies of pain perception	DIAMANT, Nicholas E / TENENBAUM, Howard C	\$127,645		5 Yr(s)	BSC	
FEHLINGS, Michael G University Health Network (Toronto) Toronto Western Research Institute (Toronto) Investigation and treatment of traumatic axonal dysfunction after spinal cord injury		\$114,403		5 Yr(s)	NSB	
BARR, Cathy L BOIVIN, Michel DIONNE, Ginette University Health Network (Toronto) Quantitative and molecular genetic analysis of ADHD symptoms in early childhood	PERUSSE, Daniel / ROBAEY, Philippe / SCHACHAR, Russell J / SIMARD, Louise R	\$113,449		3 Yr(s)	BSB	
BOMBARDIER, Claire BERNATSKY, Sasha R POPE, Janet E University Health Network (Toronto) A prospective controlled study of the real-world effectiveness of biologic response modifying drugs in adults with rheumatoid arthritis	BOYLE, Jennifer M / CIVIDINO, Alfred A / HUX, Janet E / THORNE, Carter J / TOMLINSON, George A / WELLS, George A	\$80,513		3 Yr(s)	HSR	

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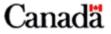


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LAM, Tony K		\$81,290		3 Yr(s)	М	
University Health Network (Toronto)						
Metabolic impact of small intestinal nutrient sensing						
LEWIS, Gary F		\$108,692		5 Yr(s)	M	
University Health Network (Toronto)						
Determining the mechanism of intestinal and hepatic lipoprotein overproduction in insulin resistance						
MEDIN, Jeffrey A		\$112,956		5 Yr(s)	CSC	
University Health Network (Toronto)						
Enhancement of gene transfer outcomes for fabry disease						
SCHUH, Andre C University Health Network (Toronto)		\$96,489		3 Yr(s)	СВТ	
Elucidation of the role(s) of EVI1 variants in MDS and AML						
YEUNG, Ivan Wai Tong University Health Network (Toronto) On-line perfusion measurement with contrast enhanced cone-beam CT in radiation therapy	CHO, Young-Bin / DAWSON, Laura A / JAFFRAY, David A	\$54,814		2 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
AUSTIN, Wendy J University of Alberta The experience and resolution of moral distress in paediatric intensive care teams: A Canadian perspective	CARNEVALE, Franco (Frank) A / FRANK, Arthur / GARROS, Daniel	\$48,909		3 Yr(s)	ELH	
BEFUS, A. D University of Alberta Expression and functional significance of the cystic fibrosis transmembrane conductance regulator (CFTR) in mast cells		\$84,902		3 Yr(s)	ITB	
CHURCHILL, Thomas A University of Alberta Alleviating intestinal ischemia-reperfusion injury: Application to organ transplantation	BIGAM, David L / MADSEN, Karen L	\$108,696		3 Yr(s)	ЕМ	
COUPLAND, Nicholas J University of Alberta Cortisol modulation of prefrontal glutamate- glutamine activity in healthy controls and posttraumatic stress disorder	CHOI, Changho / HEGADOREN, Kathy M / MALYKHIN, Nikolai V	\$84,762		3 Yr(s) 6 Mths	BSB	

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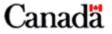


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
DAVISON, Sara University of Alberta Health and wellness in saddle lake first nation: Promoting self care for the prevention and treatment of Diabetes and kidney failure	CLARK, Alexander M / DAVIS, Caroline E / HARSCH, Dawn M / MAKOKIS, Patricia A	\$52,117		3 Yr(s)	АВН	
DYCK, Jason R University of Alberta The involvement of CD36 in the regulation of myocardial metabolism and function		\$96,070		5 Yr(s)	CSA	
ESTABROOKS, Carole Anne University of Alberta Translating research in elder care	CUMMINGS, Greta / DEGNER, Lesley F / DOPSON, Susan / LASCHINGER, Heather / MCGILTON, Katherine S / MORGAN, Debra G / NORTON, Peter G / PROFETTO-MCGRATH, Joanne / RYCROFT- MALONE, Joanne / SALES, Anne E / SMITH, Malcolm C / STEWART, Norma J / TEARE, Gary F	\$946,082		5 Yr(s)	KTE	

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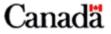


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
GODBOUT, Roseline University of Alberta Role of disabled-1 in the differentiating retina		\$107,983		4 Yr(s)	СВМ	
GUILBERT, Larry J University of Alberta The balance between placental cell death and tissue remodeling in IUGR complicated pregnancies	DAVIDGE, Sandra T / DEMIANCZUK, Nestor N	\$92,490		5 Yr(s)	CIA	
HOBMAN, Tom C University of Alberta Analyses of argonaute proteins: Functions in RNA interference and signaling		\$127,158		5 Yr(s)	СР	
HOLMES, Charles F University of Alberta Analysis of cyanobacterial liver toxins in first nations drinking water		\$100,000		1 Yr(s)	АВН	
LIGHT, Peter E University of Alberta Fat metabolism and the control of islet excitability: Implications for Type 2 Diabetes		\$111,813		3 Yr(s)	M	

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LOPASCHUK, Gary D University of Alberta	CLANACHAN, Alexander S	\$99,691		5 Yr(s)	CSB	
AMP-activated protein kinase effects on the source and fate of protons in the ischemic heart						
MASON, Andrew L University of Alberta		\$102,305		3 Yr(s)	EM	
Isolation of a novel human retrovirus associated with primary biliary cirrhosis and fulfillment of koch's postulates in vitro						
MICHALAK, Marek S University of Alberta Cardiogeneis of embroyic stem cells		\$128,508		5 Yr(s)	CSA	
MUSHAHWAR, Vivian University of Alberta Intraspinal neuroprosthesis for restoring function after spinal cord injury	ALLEN, Peter S / MCCREERY, Douglas B	\$97,360		3 Yr(s) 6 Mths	BME	
SHUAIB, Ashfaq University of Alberta	TODD, Kathryn G / WANG, Cheng Xu	\$89,166		5 Yr(s)	РТ	
Investigating hyperthermia-induced microvascular damage in the ischemic injured brain						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
SIMPSON, Scot H JOHNSON, Jeffrey A MAJUMDAR, Sumit R		\$69,497		2 Yr(s)	HSR	
University of Alberta The safety and effectiveness of thiazolidinediones in relation to other oral treatment options for management of Type 2 Diabetes: A population-based analysis						
TODD, Kathryn G University of Alberta Investigations of microglial-neuronal signaling: Promoting survival signals		\$92,397		4 Yr(s)	BCA	
VANCE, Jean E University of Alberta Lipid transport and metabolism in neurons and glial cells	CAMPENOT, Robert B / VANCE, Dennis E	\$132,520		5 Yr(s)	M	
AUSTIN, Jehannine C University of British Columbia B.C. Research Institute for Children's & Women's Health (Vancouver) The MTHFR C677T polymorphism and postpartum mental illness in at-risk women	CORRAL, Maria D / HONER, William G / MISRI, Shaila / OBERLANDER, Timothy F	\$87,782		5 Yr(s)	GSH	

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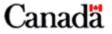


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
FRIEDMAN, Jan M University of British Columbia B.C. Research Institute for Children's & Women's Health (Vancouver) Recurrent novel copy number variants in	LANGLOIS, Sylvie F / MICHAUD, Jacques L / ROUSSEAU, François	\$96,709		3 Yr(s)	СНІ	
children with mental retardation		¢110.212		5 3 7 ()		
LEUNG, Peter C University of British Columbia		\$119,312		5 Yr(s)	E	
Child and Family Research Institute						
Autocrine and paracrine control of ovarian granulosa cell function						
LEUNG, Peter C	MACCALMAN, Colin D	\$105,307		5 Yr(s)	CIA	
University of British Columbia						
Child and Family Research Institute						
Biological actions of gnRH in human implantation and placentation						
TIBBITS, Glen F		\$144,016		5 Yr(s)	CSA	
University of British Columbia						
Child and Family Research Institute Ontogeny of myocardial excitation contraction coupling mechanisms						

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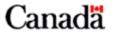


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
HOGG, James C University of British Columbia St. Paul's Hospital, Vancouver Structure and function of the bronchial mucosa	HAYASHI, Shizu	\$68,672		2 Yr(s)	RS	
WALLEY, Keith R University of British Columbia St. Paul's Hospital, Vancouver Toll-like receptor signaling in cardiac inflammatory states		\$122,899		5 Yr(s)	CSB	
ANSLEY, David M University of British Columbia PRO-TECT II: Propofol cardioprotection for type II diabetics	CHEN, David D / CHOI, Peter T	\$85,657		3 Yr(s)	PT	
AULD, Vanessa J University of British Columbia Analysis of gliotactin function and formation of the tricellular junction		\$115,543		5 Yr(s)	СВМ	
CHRISTIE, Brian R University of British Columbia Effects of exercise on structural and functional plasticity in the aging hippocampus		\$110,131		5 Yr(s)	NSB	

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EL-HUSSEINI, Alaa E University of British Columbia		\$133,242		5 Yr(s)	NSB	
Postsynaptic mechanisms that regulate synapse development						
HANCOCK, Robert Ernest W University of British Columbia		\$133,542		5 Yr(s)	MI	
Pseudomonas aeruginosa outer membrane proteins and complex adaptations						
HONER, William G University of British Columbia Neural connectivity in schizophrenia	BARR, Alasdair M / BEASLEY, Clare L	\$144,456		5 Yr(s)	BSB	
KEELING, Patrick J University of British Columbia Genome reduction and compaction in microsporidian intracellular parasites		\$100,000		1 Yr(s)	GMX	
KOZLOWSKI, Piotr University of British Columbia Combined diffusion and dynamic contrast enhanced MRI for prostate cancer diagnosis	CHANG, Silvia D / GOLDENBERG, Larry / JONES, Edward C / MAEDLER, Burkhard	\$86,355		3 Yr(s)	MPI	

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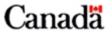


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
LEFEBVRE, Louis University of British Columbia		\$119,219		3 Yr(s)	DEV	
Developmental regulation of genomic imprinting in the mouse						
MORGAN, Steven G University of British Columbia Equity in pharmacare: Measuring access to and financing of prescription drugs within and across population subgroups	BARER, Morris L / BLACK, Charlyn / EVANS, Robert G / HURLEY, Jeremiah E	\$78,709		2 Yr(s)	НРМ	
PARE, Peter D University of British Columbia Genetic and epigenetic determinants of asthmatic epithelial cell Phenotype	KNIGHT, Darryl A / KOBOR, Michael S / SANDFORD, Andrew J	\$110,850		3 Yr(s)	RS	
PROUD, Christopher G University of British Columbia Control, function and organisation of the translation initiation factor complex eIF2B, a key regulator of protein synthesis in health and disease		\$108,700		5 Yr(s)	BMB	

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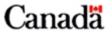


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
PUTNINS, Edward E		\$112,389		5 Yr(s)	DS	
University of British Columbia						
Localization, expression and functional analysis of genes associated with periodontal disease onset and progression						
ROSSI, Fabio M		\$107,866		3 Yr(s)	DEV	
University of British Columbia						
Role of CD34 in muscle stem/progenitor cell function						
RUTH, Thomas J	ADAM, Michael J /	\$114,042		5 Yr(s)	PS	
University of British Columbia	BENARD, Francois /	,		. ,		
Development of radiotracers based on oligonucleotide labelling	PERRIN, David M / STOESSL, A. Jonathan					
STRYNADKA, Natalie C		\$224,300		5 Yr(s)	BMA	
University of British Columbia		, — ·, · · ·		(0)		
Structure-based analysis and inhibition of Type III secretion in pathogenic bacteria						
TAI, Isabella T		\$85,592		3 Yr(s)	CPT	
University of British Columbia						
The role of SPARC in chemotherapy						
sensitization						

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THOMPSON, Charles J		\$117,797		5 Yr(s)	MI	
University of British Columbia Studies of the intrinsic mechanisms of multidrug resistance in mycobacteria						
TREMLETT, Helen L University of British Columbia The maMS study. Malignancy and multiple sclerosis: Incidence and impact of beta-interferon treatment	BAJDIK, Christopher D / OGER, Joel J	\$43,457		2 Yr(s)	PUB	
WASSERMAN, Wyeth W University of British Columbia Discovery and discrimination of functional clusters of transcription factor binding sites in the human genome		\$105,502		5 Yr(s)	GMX	
WONG, Sabrina University of British Columbia Canadians' perspectives on the quality of primary health care	BLACK, Charlyn / CUTLER, Fred E / HAGGERTY, Jeannie L / WATSON, Diane	\$126,770		2 Yr(s)	НРМ	
ZILTENER, Hermann J University of British Columbia Role of leukocyte mucins on lymphohemopoietic cells		\$121,148		4 Yr(s)	ITB	

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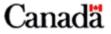


Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
SHAPIRO, Jerry	\$84,503		3 Yr(s)	CIB	
MACKAY, Alexander L	\$82,263		3 Yr(s)	BME	
	\$80.005		3 Vr(c)	EM	
	\$60,075		3 11(8)	LIVI	
	\$164,566		5 Yr(s)	BMB	
	SHAPIRO, Jerry	SHAPIRO, Jerry \$84,503 MACKAY, Alexander L \$82,263	SHAPIRO, Jerry \$84,503 MACKAY, Alexander L \$82,263	SHAPIRO, Jerry \$84,503 3 Yr(s) MACKAY, Alexander L \$82,263 3 Yr(s)	SHAPIRO, Jerry \$84,503 3 Yr(s) CIB MACKAY, Alexander L \$82,263 3 Yr(s) BME

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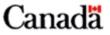


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
COBB, Jennifer A		\$114,037		5 Yr(s)	G	
University of Calgary						
The recq helicase sgs1 maintains genomic integrity during replication						
DONNELLY, Tam T University of Calgary Contextual factors affecting HIV/AIDS treatment and prevention amongst recent	LAI, Daniel W / SCHNEE, Paul / WORTHINGTON, Catherine A	\$48,529		2 Yr(s)	PSB	
immigrants from endemic countries						
EMERY, Carolyn A University of Calgary The risk of injury associated with body checking among pediatric ice hockey players	BENSON, Brian W / GOULET, Claude / HAGEL, Brent E / MEEUWISSE, Willem H / SHRIER, Ian	\$214,300		2 Yr(s)	СНІ	
GILES, Wayne R University of Calgary		\$105,544		5 Yr(s)	CSA	
Physiological and pharmacological responses of adult cardiac fibroblasts	f					
GRAVEL, Roy A University of Calgary	CROSS, James C	\$140,711		5 Yr(s)	G	
Mouse models of methionine synthase reductase: Abnormalities at the intersection of the folate and methionine cycles						

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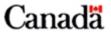


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
HOLROYD-LEDUC, Jayna M University of Calgary Evaluation of a new evidence-based self- management tool for urinary incontinence	ARMSON, Heather A / DAVIS, David A / SCHMALTZ, Heidi N / STRAUS, Sharon E / TANNENBAUM, Cara / THORPE, Kevin E	\$62,927		2 Yr(s)	KTE	
JOHNSTON, Randal N University of Calgary		\$75,118		3 Yr(s)	СВТ	
Susceptibility and resistance to reoviral oncolysis						
KING, Kathryn M University of Calgary Body mass Index, gender, and the decision to undergo coronary artery bypass graft surgery	GHALI, William A / KNUDTSON, Merril L / MAITLAND, Andrew / MATHER, Charles M	\$50,000		3 Yr(s)	HSR	
KISS, Zelma T University of Calgary		\$90,587		4 Yr(s)	MOV	
Mechanisms of therapeutic deep brain stimulation (DBS) for dystonia						
KUBES, Paul University of Calgary		\$110,388		5 Yr(s)	CSC	
Role of cell specific TLR4 in vascular dysfunction associated with lipopolysaccharide						

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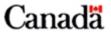


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
LEE, Ki-Young		\$118,787		5 Yr(s)	СВМ	
University of Calgary						
Cyclin-dependent kinase 5 in sperm flagella formation and function						
MCGHEE, James D		\$132,689		5 Yr(s)	DEV	
University of Calgary						
Development of the C. elegans intestine						
MIDHA, Rajiv	GORDON, Tessa	\$90,836		3 Yr(s)	NSA	
University of Calgary						
Repair of nerve injuries using skin derived precursor stem cells						
PARNEY, Ian F		\$84,985		3 Yr(s)	СВТ	
University of Calgary						
Immunosuppressive cell networks in malignant glioma patients						
SCHRIEMER, David C		\$95,599		3 Yr(s)	СРТ	
University of Calgary						
Microtubules and cancer therapy: Defining the mechanistic relationship between synthetic and endogenous regulators of microtubule stabilizers						

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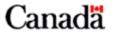


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
SHIELL, Alan DOYLE-BAKER, Patricia K SANDALACK, Beverly A University of Calgary EcoEUFORIA: Economic evaluation of using urban form to increase activity	AULD, Matthew C / FRIEDENREICH, Christine M / GILES-CORTI, Billie / SMITHERS, Whitney L	\$197,881		3 Yr(s)	HSR	
SLATER, Donna M University of Calgary		\$69,876		3 Yr(s)	CIA	
PGE2 and the EP receptors in the human uterus during pregnancy and parturition						
TRIGGLE, Christopher R University of Calgary Hyperglycaemia and vascular dysfunction: Studies of potential new therapeutic targets	ANDERSON, Todd J / HOLLENBERG, Morley D	\$97,864		5 Yr(s)	PT	
TYBERG, John V University of Calgary Analysis of mitral leaflet motion during the E-wave	SHRIVE, Nigel G / SMALLHORN, Jeffrey F / THOMPSON, Richard B	\$78,685		3 Yr(s)	CSB	
VAN DER HOORN, Franciscus A University of Calgary Hybrid protein function and interactions in spermatogenesis		\$134,548		3 Yr(s)	E	

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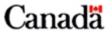


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WEISS, Samuel		\$139,730		5 Yr(s)	NSB	
University of Calgary		4-22,1.23		(-)		
Neurogenesis by central nervous system stem cells						
YAN, Jun University of Calgary		\$112,515		5 Yr(s)	BSA	
Cholinergic mechanisms for early development and the learning-induced neural plasticity of the auditory cortex: Role of muscarinic acetylcholine receptor Subtypes						
BONEN, Arend	GRAHAM, Terrence E	\$118,081		4 Yr(s)	MOV	
University of Guelph						
Role of PGC-1 in exercise-mediated insulin sensitivity						
KOLB, Bryan E	ROBINSON, Terrance E	\$78,853		5 Yr(s)	BSA	
University of Lethbridge (Alberta)						
Drugs, brain plasticity and behaviour						
CHIPPERFIELD, Judith G	MENEC, Verena H /	\$59,695		4 Yr(s)	SDA	
University of Manitoba	PAYNE, Barbara J / PERRY, Raymond P /					
Health, well-being, and vitality in very late life: The role of everyday physical activity and personal control	RUTHIG, Joelle C					

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CZUBRYT, Michael P University of Manitoba		\$85,534		5 Yr(s)	CSA	
Transcriptional regulators of cardiac metabolic gene expression in hypertrophy and failure						
GARTNER, John G ELLISON, Cynthia A HAYGLASS, Kent T		\$106,643		5 Yr(s)	ITB	
University of Manitoba						
Immunoregulatory mechanisms of keratinocyte growth factor in graft-versus-host disease and adaptive immune responses						
LAUTT, W. Wayne		\$108,571		3 Yr(s)	CSB	
University of Manitoba						
Abnormal meal-induced insulin sensitization as a cause of cardiovascular disease in aged rats and in sucrose supplemented diets						
SAREEN, Jitender ELIAS, Brenda D	COOK, Catherine L / COX, Brian J / ENNS, Murray W /	\$238,021		5 Yr(s)	ABH	
University of Manitoba	KATZ, Laurence Y /					
From risk factors to culturally-sensitive interventions: A programmatic approach to aboriginal suicide	O'NEIL, John D					

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WOODGATE, Roberta L University of Manitoba	HALAS, Joannie M / SCHULTZ, Annette S	\$84,373		1 Yr(s)	СНІ	
An ethnographic study of adolescents' conceptualization of cancer and cancer prevention: Framing cancer and cancer prevention within the life-situations of adolescents						
ALTOSAAR, Illimar	BLAIS, David R / MACK,	\$70,648		4 Yr(s)	NUT	
University of Ottawa	David R					
Fate and function of breast milk and recombinant human CD14 at mammary and newborn gastrointestinal mucosal epithelia						
SCHNEIDER, Barry H ROBAEY, Philippe	KUEHN, Sally M	\$56,127		4 Yr(s)	CHI	
University of Ottawa						
A multimethod, longitudinal exploration of the friendship patterns of children with and without attention-deficit/hyperactivity disorder						
BURGON, Patrick G		\$97,252		3 Yr(s)	CSA	
University of Ottawa						
University of Ottawa Heart Institute						
Cardiac manifestation of laminopathies						

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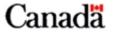


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
MCBRIDE, Heidi M University of Ottawa University of Ottawa Heart Institute	SCREATON, Robert A	\$119,992		5 Yr(s)	СР	
Molecular switches and membrane dynamics: Uncovering the mechanisms and function of mitochondrial fusion						
ROBERTS, Robert University of Ottawa University of Ottawa Heart Institute Genome-wide scan to identify coronary artery disease genes	MCPHERSON, Ruth / STEWART, Alexandre F / WELLS, George A	\$112,312		5 Yr(s)	CSC	
MACQUARRIE, Colleen R University of Prince Edward Island (Charlottetown) Discovering the functional meanings of smoking for pregnant adolescents: Prenatal to postpartum transitions	BOSWALL, H. Diane / BRYANTON, Janet A / FLYNN, Billie Jean / GREAVES, Lorraine J / HERBERT, Rosemary J / MCDONALD, Paul W / NORTON, Marilyn R / SMITH, Philip B	\$62,844		3 Yr(s)	GSH	

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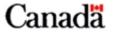


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
TAYLOR, Jennifer P VEUGELERS, Paul J University of Prince Edward Island (Charlottetown)	GRAY, Robert J / MACLELLAN, Deborah L / MCKENNA, Mary L	\$128,229		5 Yr(s)	NUT	
A comprehensive evaluation of healthy eating policies in Prince Edward Island elementary schools						
FREYWALD, Andrew		\$97,045		3 Yr(s)	MCC	
University of Regina (Saskatchewan)						
Functions of ephrin proteins in malignant lymphocytes						
BAXTER-JONES, Adam D	EISENMANN, Joey C /	\$100,000		1 Yr(s)	POP	
University of Saskatchewan	FAULKNER, Robert A /					
The relationships of adolescent physical development, physical fitness and physical activity to markers of metabolic syndrome at 50 years of age	SHERAR, Lauren B / WHITING, Susan J					
ANDERSON, Gerald H	DE SOUZA, Mary Jane /	\$104,219		3 Yr(s)	NUT	
University of Toronto	PENCHARZ, Paul B / THOMAS, Scott G					
Food intake control in children	monas, scou o					

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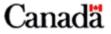


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
BLENCOWE, Benjamin J University of Toronto		\$132,801		5 Yr(s)	ВМВ	
Global regulatory features of mammalian alternative splicing						
BRUBAKER, Patricia L University of Toronto		\$115,902		5 Yr(s)	Е	
Interactions between glucagon-like peptide-2 and the intestinal insulin-like growth factors in the regulation of intestinal growth						
BURNHAM, W. M		\$80,659		3 Yr(s)	BSA	
University of Toronto						
Anticonvulsant effects of progesterone and its metabolites						
CHARLTON, Milton P		\$154,007		5 Yr(s)	NSA	
University of Toronto						
Analysis of transmitter release mechanisms						
CHOW, Chung-Wai		\$100,000		1 Yr(s)	RS	
University of Toronto						
Expression and function of syk in airway epithelial cells						

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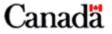


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
DOSTROVSKY, Jonathan O University of Toronto Glial-neuronal interactions in dental nociceptive mechanisms	CHIANG, Chen Yu / SESSLE, Barry J	\$124,797		4 Yr(s)	DS	
EMILI, Andrew N University of Toronto E-SGA: Charting bacterial functional networks by systematic genome-scale synthetic lethal screens in E. Coli	GREENBLATT, Jack F / MORENO HAGELSIEB, Gabriel	\$229,752		3 Yr(s)	GMX	
FRAPPIER, Lori D University of Toronto Mechanisms of viral DNA segregation		\$117,992		5 Yr(s)	VVP	
GOMMERMAN, Jennifer L University of Toronto Lymphoid micro-architecture and the regulation of T lymphocyte function/homeostasis		\$136,678		5 Yr(s)	ITA	
HARRIS, Tony J University of Toronto Controlling epithelial cell polarity in Drosophila: Regulation of adherens junctions by bazooka/PAR-3		\$102,686		4 Yr(s)	DEV	

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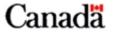


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
HORNER, Richard L		\$134,302		5 Yr(s)	RS	
University of Toronto		Ψ10 1,00 2		<i>U</i> 11(0)	112	
Control of breathing during sleep: Brainstem mechanisms of respiratory motor control						
HOURY, Walid A		\$134,239		5 Yr(s)	СР	
University of Toronto						
The role of molecular chaperones in protein folding and degradation: Analysis of the mechanism of function of chaperone-protease complexes						
KAY, Lewis E		\$173,600		5 Yr(s)	BMA	
University of Toronto						
Solution NMR studies of the proteasome						
KAY, Lewis E		\$185,500		5 Yr(s)	BMA	
University of Toronto						
Seeing the invisible by NMR spectroscopy: Studies of excited protein states						
LIU, Jun		\$80,477		3 Yr(s)	MI	
University of Toronto		φου, 177		3 11(5)	1111	
Metabolic deficiency of BCG: A mechanism of attenuation						

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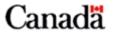


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
MARTIN, Alberto University of Toronto		\$144,766		5 Yr(s)	ITA	
Biochemical mechanisms of antibody diversification processes						
MATTHEWS, Jason University of Toronto		\$97,715		3 Yr(s)	РТ	
Interactions of aryl hydrocarbon receptor and oestrogen receptor alpha						
MILLER, Judith A University of Toronto	CHERNEY, David Z / SOCHETT, Etienne B	\$104,580		5 Yr(s)	CSB	
Hemodynamic modulation in type 1 Diabetes Mellitus						
REILLY, Raymond M University of Toronto	BRANDWEIN, Joseph M / MINDEN, Mark D / NITZ,	\$93,410		3 Yr(s)	СРТ	
Targeting the leukemic stem cell for auger electron radiotherapy of acute myelogenous leukemia	Mark Mark					
RINI, James M		\$128,439		5 Yr(s)	BMA	
University of Toronto						
Glycosyltransferase structure and mechanism						

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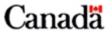


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
ROCHON, Elizabeth A BLACK, Sandra E LEONARD, Carol L LEVINE, Brian T University of Toronto	CHOW, Tiffany W / FREEDMAN, Morris / GRAHAM, Naida L / TANG-WAI, David F	\$102,368		5 Yr(s)	BCA	
The language impairment in progressive aphasia: A longitudinal neuropsychological and imaging study						
STANFORD, William L		\$107,225		5 Yr(s)	DS	
University of Toronto		Ψ107,223		5 11(5)	DS	
Sca-1 null mice: A model of age-related osteoporosis						
VAN DER KOOY, Derek J		\$148,048		5 Yr(s)	NSB	
University of Toronto						
Cell lineage and brain development						
WELLS, Peter G		\$129,433		5 Yr(s)	PS	
University of Toronto						
Toxicology of drugs bioactivated to a reactive intermediate						

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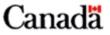


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
WILLIAMS, David B		\$122,537		5 Yr(s)	СР	
University of Toronto Functions of the calnexin/calreticulin chaperone system and of ER thiol oxidoreductases in protein folding and quality control						
WINKLBAUER, Rudolf University of Toronto Control of cell migration in the vertebrate		\$119,746		5 Yr(s)	DEV	
ZANDSTRA, Peter W		\$139,024		5 Yr(s)	BME	
University of Toronto Engineering and controlling the microenvironment during human embryonic stem cell differentiation for the improved generation of blood progenitors						
BOULANGER, Martin J University of Victoria (British Columbia)		\$84,763		5 Yr(s)	BMA	
Defining the structural basis of surface antigen glycoprotein (SAG) mediated virulence in toxoplasma gondii						

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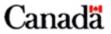


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
BRODLAND, Gerald W University of Waterloo (Ontario)	MARSDEN, Mungo	\$52,016		4 Yr(s)	BME	
Homing in on the mechanics of neurulation and neural tube defects (NTDs)						
LEWIS, James F University of Western Ontario Lawson Health Research Institute (London,	VELDHUIZEN, Rudolf A	\$132,747		5 Yr(s)	RS	
Ontario) The role of surfactant in acute lung injury and progression to multi-organ failure						
MYMRYK, Joseph S University of Western Ontario		\$105,511		5 Yr(s)	VVP	
London Regional Cancer Centre (Ontario) New targets of the human papillomavirus E7 oncoproteins						
KOROPATNICK, James University of Western Ontario London Regional Cancer Program	BERG, Randal W / VINCENT, Mark D	\$114,194		5 Yr(s)	CBT	
Antisense downregulation of thymidylate synthase as an anticancer therapy						

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BAI, Donglin University of Western Ontario The role of connexin43 in cardiac function		\$88,063		1 Yr(s)	CSA	
BEIER, Frank University of Western Ontario Regulation of endochondral bone development by glucocorticoid signaling		\$101,855		3 Yr(s)	CIB	
COOLEN, Lique University of Western Ontario Effects of sexual experience on drug responsiveness		\$125,634		5 Yr(s)	BSA	
FORD-GILBOE, Marilyn V VARCOE, Colleen M WUEST, Judith A University of Western Ontario The effects of personal, social and economic resources on physical and mental health of women in the early years after leaving an abusive partner: Waves 3, 4 and 5	DAVIES, Lorraine E / GURUGE, Sepali / HANKIVSKY, Olena / LENT, Barbara / MACINTOSH, Judith A / MERRITT-GRAY, Marilyn L / SMYE, Victoria L	\$219,923		4 Yr(s)	GSH	
HORE, Jonathan University of Western Ontario Cerebellar control of overarm throwing	GRIBBLE, Paul L	\$89,525		3 Yr(s)	MOV	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
LAVIOLETTE, Steven R		\$77,337		5 Yr(s)	BSA	
University of Western Ontario Role of the amygdala-prefrontal cortical circuit in opiate motivation, learning and memory						
LEUNG, Lai-Wo S University of Western Ontario Hippocampal theta oscillations - generation and	RAJAKUMAR, Nagalingam	\$92,935		5 Yr(s)	BSA	
behavioural functions						
VALVANO, Miguel A University of Western Ontario		\$138,500		5 Yr(s)	MI	
Genetics of lipopolysaccharide assembly in gram-negative bacteria						
HEBERT, Marc Université Laval	BASTIEN, Célyne H / LABERGE, Luc	\$97,745		3 Yr(s)	BSC	
Centre de recherche Université Laval-Robert- Giffard (QC)						
Évaluation en milieu de travail d'une stratégie de contrôle des caractéristiques spectrales de l'exposition lumineuse pour faciliter l'adaptation au travail de nuit						

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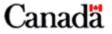


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
PELLEGRINI, Luca		\$91,525		4 Yr(s)	MCC	
Université Laval						
Centre de recherche Université Laval-Robert- Giffard (QC)						
The rhomboid protease PARL, a novel mitochondrial checkpoint of apoptosis: Uncovering the molecular switches and signaling pathways governing its function						
LEBEL, Michel		\$108,448		5 Yr(s)	BCA	
Université Laval		. ,		()		
Centre de recherche de L'Hôtel-Dieu de Québec						
Molecular aging: A mouse molecular model for Werner Syndrome						
DI PAOLO-CHENEVERT, Thérèse		\$100,712		5 Yr(s)	PS	
Université Laval						
Centre hospitalier de l'Université Laval (Québec)						
Estrogenic drugs for neuroprotection and neuromodulation						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
GUIMONT, Chantal Université Laval Centre hospitalier de l'Université Laval (Québec)	BERNIER, Daniel / D'ANJOU, Anie-Claude / DAIGNEAULT, Patrick / GOUIN, Serge	\$70,440		1 Yr(s)	СНІ	
Identification des facteurs de risque de re- consulter après avoir été libéré de l'urgence, lors d'un même épisode de bronchiolite						
OUELLETTE, Marc Université Laval		\$126,812		5 Yr(s)	MI	
Centre hospitalier de l'Université Laval (Québec)						
One carbon metabolism in the human parasite Leishmania						
ROUILLARD, Claude CICCHETTI, Francesca LEVESQUE, Daniel		\$43,249		1 Yr(s)	PT	
Université Laval						
Centre hospitalier de l'Université Laval (Québec)						
Cystamine: A potential new approach for neuroprotection in Parkinson's Disease						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
BISSONNETTE, Elyse Université Laval Hôpital Laval (Québec) Role of alveolar macrophages in allergic asthma		\$100,000		1 Yr(s)	RS	
PICARD, Frédéric Université Laval Hôpital Laval (Québec) Molecular tuning of adipocyte biology by nuclear cofactors upon aging		\$97,988		3 Yr(s)	BCA	
LEGARE, France STACEY, Dawn Université Laval Hôpital Saint-François d'Assise (Québec) Interprofessional approaches to shared decision making in primary care: Advancing theories, frameworks, methods and measurement	ELWYN, Glyn / FROSCH, Dominick L / GAGNON, Marie-Pierre / GRAHAM, Ian D / HARRISON, Margaret B / PLUYE, Pierre	\$61,283		2 Yr(s)	НРМ	
BARABÉ, Frédéric Université Laval Role and biology of MLL fusion genes in human leukemias		\$118,813		5 Yr(s)	MCC	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
BERTHOD, François Université Laval		\$105,004		3 Yr(s)	CIB	
Peau reconstruite par génie tissulaire:oPtimisation de la récupération tactile in vivo et sa modélisation in vitro						
BERTHOD, François Université Laval		\$109,204		3 Yr(s)	BME	
Stratégies de réparation des transsections nerveuses à l'aide de biomatériaux						
DORVAL, Michel Université Laval Family communication following BRCA1/2 genetic testing	GODARD, Beatrice / SIMARD, Jacques R	\$84,861		3 Yr(s)	KTE	
FORTIER, Michel A Université Laval	LECLERC, Pierre / SULLIVAN, Robert	\$59,173		2 Yr(s)	GSH	
Evaluation of the contribution of prostaglandins in the regulation of male fertility and genital tract function						
HUOT, Jacques Université Laval		\$113,642		5 Yr(s)	CSC	
Role of stress-sensitive pathways in regulating endothelial cell activation and functions						

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MARETTE, André Université Laval Metabolic functions of the PTPase SHP-1 in insulin target tissues	BEAUCHEMIN, Nicole / SIMINOVITCH, Katherine A	\$123,030		5 Yr(s)	M	
VERREAULT, René AUBIN, Michèle Université Laval Évaluation d'un programme de soulagement de la douleur auprès des aînés avec difficultés de communication vivant en milieu de soins de longue durée	BEAULIEU, Marie / HADJISTAVROPOULOS, Thomas / KAASALAINEN, Sharon J / LEMAY, Sylvie / SAVOIE, Maryse L / VOYER, Philippe	\$76,359		3 Yr(s)	PLC	
VOHL, Marie-Claude Université Laval A study of Candidate genes for obesity-related metabolic complications derived from expression profiling of visceral adipose tissue	DESHAIES, Yves / PÉRUSSE, Louis / TCHERNOF, André	\$166,354		3 Yr(s)	POP	
VOHL, Marie-Claude Université Laval Effect of the PPAR-alpha L162V polymorphism on the metabolic response to n-3 polyunsaturated fatty acid supplementation	COUTURE, Patrick / LEMIEUX, Simone	\$70,440		3 Yr(s)	NUT	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
ROSE, Christopher		\$67,168		4 Yr(s)	EM	
Université de Montréal						
Centre Hosp. de l'Université de Montréal (CHUM)						
Studies of the role of protein tyrosine nitration in the pathogenesis of encephalopathy in chronic liver failure						
DRAPEAU, Aline	BOYER, Richard	\$27,543		2 Yr(s)	GSH	
Université de Montréal						
Centre de recherche Fernand-Seguin de l'Hôpital Louis H Lafontaine (Mtl)						
Influence de l'ancrage social sur le comportement et l'attitude des femmes et des hommes par rapport à la maladie mentale. L'exemple de la sous-déclaration du recours aux services psychiatriques dans une enquête populationnelle						
BONNARDEAUX, Alain B	MORGAN, Kenneth	\$134,936		3 Yr(s)	EM	
Université de Montréal						
Hôpital Maisonneuve-Rosemont (Montréal)						
Genetic basis of hypercalciuria						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
JEMEL, Boutheina Université de Montréal Hôpital Rivière-des-Prairies (Montréal) Interaction between levels of information processing in autism: Cognitive and EEG synchrony studies	BURACK, Jacob A / GOSSELIN, Frédéric / MOTTRON, Laurent	\$74,572		3 Yr(s) 6 Mths	BSB	
ANAND-SRIVASTAVA, Madhu B Université de Montréal G proteins and membrane signaling in cardiovascular system		\$126,336		5 Yr(s)	CSA	
ANCUTA, Petronela Université de Montréal Contribution of CCR3 and CCR4 ligands produced by dendritic cells to immune synapse formation and cell-to-cell transmission of human immunodeficiency virus type 1 (HIV-1)		\$83,766		3 Yr(s)	VVP	
BOUVIER, Michel Université de Montréal Role of receptor oligomerization and drug- directed activity in G protein-coupled receptor signaling diversity		\$144,893		5 Yr(s)	PT	

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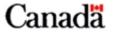


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
D'AMOURS, Damien		\$109,002		5 Yr(s)	G	
Université de Montréal		,				
Roles of SMC complexes in DNA repair and genome stability						
DI POLO, Adriana	CASANOVA, Christian F	\$100,000		1 Yr(s)	CIA	
Université de Montréal						
Role of acetylcholinesterase inhibitors for neuroprotection in glaucoma: Molecular mechanisms and therapeutic implications						
DI POLO, Adriana		\$96,002		5 Yr(s)	СВМ	
Université de Montréal		, ,		()		
Molecular mechanisms regulating retinal ganglion cell axon regeneration in vivo						
DREW, Trevor B		\$121,023		5 Yr(s)	MOV	
Université de Montréal		\$121,023		5 11(8)	MOV	
Cortical mechanisms contributing to the control of visually-guided locomotion in the cat						

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DUBOIS, Carl-Ardy D'AMOUR, Danielle Université de Montréal Les modèles d'organisation et d'utilisation des ressources infirmières et leur impact sur les résultats des soins	BENIGERI, Mike / BLAIS, Régis / CLARKE, Sean P / RIVARD, Michèle / TOURANGEAU, Ann Elizabeth	\$95,824		3 Yr(s)	НРМ	
FERBEYRE, Gerardo Université de Montréal SOCS-1, a novel p53 activator and a senescence regulator	,	\$91,821		4 Yr(s)	BCA	
LECOMTE, Tania LECLERC, Claude R Université de Montréal Traitement des symptômes psychotiques chez des jeunes présentant un premier épisode de schizophrénie - effets de la thérapie cognitive comportementale de groupe	SPIDEL, Alicia / WOODWARD, Todd S / WYKES, Til	\$81,306		3 Yr(s)	PSB	
LIPPÉ, Roger Université de Montréal Molecular analysis of Herpes simplex virus type I egress	,	\$109,506		5 Yr(s)	VVP	

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MELOCHE, Sylvain Université de Montréal		\$139,941		5 Yr(s)	MCC	
Regulation of the cip/kip family of cyclin- dependent kinase inhibitors in normal and cancer cells						
ROUX, Philippe Université de Montréal		\$102,826		5 Yr(s)	СР	
Mitogenic and oncogenic regulation of RSK signaling						
SAUVAGEAU, Guy Université de Montréal		\$294,711		3 Yr(s)	GMX	
Functional genomics to identify stem cell fate determinants						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
SEGUIN, Louise PARADIS, Gilles Université de Montréal Longitudinal analysis of the Quebec birth cohort: Pathways between early childhood poverty, stress, child health, cardiovascular risk factors and associated secular trends, and resiliency	BARNETT, Tracie A / DANIEL, Mark / DELVIN, Edgard E / GAUVIN, Lise / GRAY-DONALD, Katherine A / HANLEY, James A / LAMBERT, Marie / LEVY, Emile / LOUCKS, Eric B / LUPIEN, Sonia J / LYNCH, John W / MCGRATH, Jennifer J / NEWACHECK, Paul W / NICOLAU, Belinda F / O'LOUGHLIN, Jennifer L / POIRIER, Paul / ZUNZUNEGUI, Maria- Victoria	\$345,049		4 Yr(s)	СНІ	
SWAINE, Bonnie R Université de Montréal Association between childhood head injury and subsequent suicide	FELDMAN, Debbie / LESAGE, Alain D / ZHANG, Xun	\$55,195		1 Yr(s)	СНІ	
VARIN, France BEAULIEU, Pierre DROLET, Pierre Université de Montréal Pharmacometrics of local anesthetics during peripheral nerve blocks in experimental and clinical settings	LABBE, Line	\$93,853		1 Yr(s)	PS	

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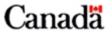


Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
LANG, Ariella Université de Montréal Victorian Order of Nurses for Canada (Ottawa) Safety in home care: Perspectives from clients, family members, caregivers, and providers	COHEN, S. Robin / EASTY, Anthony C / LACHANCE, Julie A / ST- GERMAIN, Daphney / STAJDUHAR, Kelli I / WILLIAMS, Allison M	\$53,237		3 Yr(s)	HSI	Pending
ABOU ELELA, Sherif Université de Sherbrooke The mechanism of RNase III dependent post- transcriptional gene regulation / Rôle de la ribonucléase III dans le métabolisme de l'ARN		\$121,748		5 Yr(s)	BMB	
DÉRY, Michèle TOUPIN, Jean VERLAAN, Pierrette Université de Sherbrooke	COUTURE, Caroline / PAUZÉ, Robert	\$99,991		3 Yr(s)	GSH	
Les troubles de comportement au féminin: Identification à l'école primaire, corrélats, évolution et services						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
GALLO-PAYET, Nicole Université de Sherbrooke		\$126,046		5 Yr(s)	Е	
Rôle et mécanismes d'action de l'hormone ACTH dans la régulation de sécrétion de l'aldostérone et des glucocorticoïdes dans la glande surrénale						
LAFONTAINE, Daniel		\$99,545		5 Yr(s)	BMB	
Université de Sherbrooke						
Structural and functional studies of purine riboswitches. Études structurales et fonctionnelles des riborégulateurs purines						
STANKOVA, Jana ROLA-PLESZCZYNSKI, Marek		\$99,270		5 Yr(s)	РТ	
Université de Sherbrooke						
Trafficking of cysteinyl leukotriene receptors						
MERGLER, Donna BOUCHARD, Maryse	BARBEAU, Benoit / BELLINGER, David C / BOUCHARD, Maryse /	\$154,258		3 Yr(s)	СНІ	
Université du Québec à Montréal L'exposition au manganèse dans l'eau potable affecte-elle le comportement et les facultés intellectuelles des enfants?	BOUFFARD, Thérèse / LARRIBE, Fabrice / LEGRAND, Melissa / LIMOGES, Elyse / WEISSENBERGER, Sebastian					

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	Term	PRC **	Status
COTE, Gilles Université du Québec à Trois-Rivières Institut Philippe Pinel de Montréal Épidémiologie des troubles mentaux, des troubles de la personnalité et de la déficience intellectuelle en milieu carcéral	CROCKER, Anne G / DAIGLE, Marc S / GOBBI, Gabriella / TOUPIN, Jean / TURECKI, Gustavo X	\$195,540		3 Yr(s)	PSB	
PRONOVOST, Jocelyne PLOURDE, Chantal Université du Québec à Trois-Rivières Programme d'actions concertées de prévention du suicide, de la toxicOmanie et des abus sexuels chez les jeunes atikamekw	ALAIN, Marc	\$100,000		1 Yr(s)	АВН	

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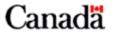


Peer Review Committees

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 & Mechanisms of Disease CBT Cancer Biology & Therapeutics CHI Children's Health CIA Clinical Investigation - A CIB Clinical Investigation - B CP Cell Physiology CPT Cancer Progression & Therapeutics CSA Cardiovascular System - A CSB Cardiovascular System - B CSC Cardiovascular System - C DEV Developmental Biology DS Dental Sciences	
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 & Mechanisms of Disease CBT Cancer Biology & Therapeutics CHI Children's Health CIA Clinical Investigation - A CIB Clinical Investigation - B CP Cell Physiology CPT Cancer Progression & Therapeutics CSA Cardiovascular System - A CSB Cardiovascular System - B CSC Cardiovascular System - C DEV Developmental Biology	
BMB Biochemistry & Molecular Biology - B BME Biomedical Engineering BSA Behavioural Sciences - A BSB Behavioural Sciences - B BSC Behavioural Sciences - C CBM Cell Biology & Mechanisms of Disease CBT Cancer Biology & Therapeutics CHI Children's Health CIA Clinical Investigation - A CIB Clinical Investigation - B CP Cell Physiology CPT Cancer Progression & Therapeutics CSA Cardiovascular System - A CSB Cardiovascular System - B CSC Cardiovascular System - C DEV Developmental Biology	
BME Biomedical Engineering BSA Behavioural Sciences - A BSB Behavioural Sciences - B BSC Behavioural Sciences - C CBM Cell Biology & Mechanisms of Disease CBT Cancer Biology & Therapeutics CHI Children's Health CIA Clinical Investigation - A CIB Clinical Investigation - B CP Cell Physiology CPT Cancer Progression & Therapeutics CSA Cardiovascular System - A CSB Cardiovascular System - B CSC Cardiovascular System - C DEV Developmental Biology	
BSA Behavioural Sciences - A BSB Behavioural Sciences - B BSC Behavioural Sciences - C CBM Cell Biology & Mechanisms of Disease CBT Cancer Biology & Therapeutics CHI Children's Health CIA Clinical Investigation - A CIB Clinical Investigation - B CP Cell Physiology CPT Cancer Progression & Therapeutics CSA Cardiovascular System - A CSB Cardiovascular System - B CSC Cardiovascular System - C DEV Developmental Biology	
BSB Behavioural Sciences - B BSC Behavioural Sciences - C CBM Cell Biology & Mechanisms of Disease CBT Cancer Biology & Therapeutics CHI Children's Health CIA Clinical Investigation - A CIB Clinical Investigation - B CP Cell Physiology CPT Cancer Progression & Therapeutics CSA Cardiovascular System - A CSB Cardiovascular System - B CSC Cardiovascular System - C DEV Developmental Biology	
BSC Behavioural Sciences - C CBM Cell Biology & Mechanisms of Disease CBT Cancer Biology & Therapeutics CHI Children's Health CIA Clinical Investigation - A CIB Clinical Investigation - B CP Cell Physiology CPT Cancer Progression & Therapeutics CSA Cardiovascular System - A CSB Cardiovascular System - B CSC Cardiovascular System - C DEV Developmental Biology	
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CBT Cancer Biology & Therapeutics CHI Children's Health CIA Clinical Investigation - A CIB Clinical Investigation - B CP Cell Physiology CPT Cancer Progression & Therapeutics CSA Cardiovascular System - A CSB Cardiovascular System - B CSC Cardiovascular System - C DEV Developmental Biology	
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CIB Clinical Investigation - B CP Cell Physiology CPT Cancer Progression & Therapeutics CSA Cardiovascular System - A CSB Cardiovascular System - B CSC Cardiovascular System - C DEV Developmental Biology	
CP Cell Physiology CPT Cancer Progression & Therapeutics CSA Cardiovascular System - A CSB Cardiovascular System - B CSC Cardiovascular System - C DEV Developmental Biology	
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CSA Cardiovascular System - A CSB Cardiovascular System - B CSC Cardiovascular System - C DEV Developmental Biology	
CSB Cardiovascular System - B CSC Cardiovascular System - C DEV Developmental Biology	
CSC Cardiovascular System - C DEV Developmental Biology	
DEV Developmental Biology	
DS Dontal Sciences	
E Endocrinology	
ELH Health Ethics, Law & Humanities	
EM Experimental Medicine	
G Genetics	
GMX Genomics	
GSH Gender, Sex & Health	
HPM Health Policy & Systems Management Research	
HSI Health Services Evaluation and Interventions Research - B	
HSR Health Services Evaluation & Interventions Research - A	
HUP Humanities Perspectives on Health	
ITA Immunology and Transplantation - A	
ITB Immunology and Transplantation - B	

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

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