



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

**Updated : 10/04/2008**

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

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| <b>WADE, Terrance J</b><br><b>CAIRNEY, John</b><br>Brock University (Ontario)<br>Mental health issues surrounding single parent fathers and mothers: The intersection of family structure and gender  |  | \$46,804                           |           | 2 Yr(s) | GSH       |        |
| <b>CÔTÉ, José</b><br><b>GODIN, Gaston</b><br>Centre Hosp. de l'Université de Montréal (CHUM)<br>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       |        |
| <b>MUKADDAM-DAHER, Suhayla</b><br>Centre Hosp. de l'Université de Montréal (CHUM)<br>Effects of sympathetic inhibition in cardiac pathologies   | GUTKOWSKA, Jolanta   | \$70,722                           |           | 3 Yr(s) | CSA       |        |
| <b>ROULEAU, Guy A</b><br>Centre Hosp. de l'Université de Montréal (CHUM)<br>Identification of genes predisposing to Restless Legs Syndrome  | DUBÉ, Marie-Pierre / MONTPLAISIR, Jacques Y  | \$110,075                          |           | 5 Yr(s) | G         |        |

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

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

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

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

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

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

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

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

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

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

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

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

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| <b>RAINVILLE, Pierre</b><br>Institut universitaire de gériatrie de Montréal<br>Experimental studies of the impact of emotions<br>on pain physiology   | PICHE, Mathieu / ROY,<br>Mathieu                          | \$79,369                           |           | 3 Yr(s) | BSC       |        |
| <b>LEE, Ting-Yim</b><br>London Health Sciences Centre Res. Inc. (Ont.)<br>Lawson Health Research Institute (London,<br>Ontario)<br>Perfusion and lipid imaging with a liver specific<br>CT contrast agent to detect progression of<br>cirrhosis to hepatocellular carcinoma | ADAMS, Paul C /<br>CHAKRABARTI, Subrata /<br>YEE, Siu-Pok | \$102,231                          |           | 3 Yr(s) | MPI       |        |
| <b>BARKER, Philip A</b><br>McGill University<br>Identifying signal transduction pathways<br>regulated by the inhibitors of apoptosis proteins<br>(IAPs) and their roles in cancer   |   | \$137,889                          |           | 5 Yr(s) | CBM       |        |
| <b>BOWIE, Derek</b><br>McGill University<br>Ionotropic kainate receptors operate by a novel<br>gating mechanism   |   | \$97,033                           |           | 5 Yr(s) | NSA       |        |

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| <b>CHACRON, Maurice Jacques</b><br>McGill University<br>Experimental and theoretical approaches<br>applied to sensory processing  |                 | \$86,052                           |           | 5 Yr(s) | NSA       |        |
| <b>CYBULSKY, Andrey V</b><br>McGill University<br>Activation of glomerular epithelial cells by<br>complement  |                 | \$106,076                          |           | 5 Yr(s) | EM        |        |
| <b>GOTO, Yukiori</b><br>McGill University<br>Neurodevelopmental investigation for<br>identification of prefrontal cortical alterations<br>distinguishing schizophrenia and ADHD |                 | \$71,187                           |           | 3 Yr(s) | NSA       |        |
| <b>HESS, Robert F</b><br>McGill University<br>Neural dysfunction in human amblyopia   |                 | \$96,030                           |           | 5 Yr(s) | BSC       |        |
| <b>JONES, Barbara E</b><br>McGill University<br>Arousal systems: Orexin and other<br>hypothalamic neurons   |                 | \$117,856                          |           | 5 Yr(s) | BSA       |        |

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| Principal Investigators<br>Institution Paid<br>Research Institution*<br>Title   | Co-Applicant(s)  | Average Annual<br>Operating Amount | Equipment | Term    | PRC<br>** | Status |
|---|------------------|------------------------------------|-----------|---------|-----------|--------|
| <b>KIMMINS, Sarah</b><br>McGill University<br>Epigenetic regulation of male germ cell<br>transcription : Does methylation of histone H3<br>at lysine 4 control key events in male germ cell<br>differentiation? |                  | \$107,777                          |           | 3 Yr(s) | E         |        |
| <b>KINGDOM, Frederick A</b><br>McGill University<br>Color vision and image analysis   |                  | \$58,963                           |           | 5 Yr(s) | BSC       |        |
| <b>LAMARCHE-VANE, Nathalie</b><br>McGill University<br>Intracellular mechanisms regulated by the axon<br>guidance cue netrin-1  |                  | \$117,446                          |           | 3 Yr(s) | CBM       |        |
| <b>LASKO, Paul F</b><br>McGill University<br>Translational control in eukaryotic development  | SONENBERG, Nahum | \$125,911                          |           | 5 Yr(s) | G         |        |

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|---|-----------------|------------------------------------|-----------|---------|-----------|--------|
| <b>MOITESSIER, Nicolas R</b><br>McGill University<br>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 |                 | \$49,500                           |           | 2 Yr(s) | PS        |        |
| <b>MUSALLAM, Wissam</b><br>McGill University<br>Static and dynamic reach encoding by the parietal and premotor cortices: Application to brain machine interfaces  |                 | \$95,106                           |           | 5 Yr(s) | MOV       |        |
| <b>NAGAR, Bhushan</b><br>McGill University<br>Structural analysis of mechanisms of protein kinase regulation  |                 | \$99,469                           |           | 5 Yr(s) | BMA       |        |
| <b>PICCIRILLO, Ciriaco A</b><br>McGill University<br>Functional dynamics of foxp3+ regulatory T cells in vivo   |                 | \$119,838                          |           | 5 Yr(s) | ITB       |        |

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

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|--|-----------------|------------------------------------|-----------|---------|-----------|--------|
| <b>WING, Simon S</b><br>McGill University<br>Function of USP19 deubiquitinating enzyme in muscle wasting   |                 | \$100,777                          |           | 3 Yr(s) | PLC       |        |
| <b>DUFORT, Daniel</b><br>McGill University<br>McGill University Health Centre<br>Deciphering the signaling pathways involved in embryo-uterine communication during implantation |                 | \$115,690                          |           | 5 Yr(s) | DEV       |        |
| <b>FIXMAN, Elizabeth D</b><br>McGill University<br>Meakins Christie Labs (Québec)<br>Cell permeable peptides targeting STAT-6 and inhibition of allergic airways disease         |                 | \$100,800                          |           | 3 Yr(s) | RS        |        |
| <b>PETROF, Basil J</b><br>McGill University<br>Meakins Christie Labs (Québec)<br>The relationship between proinflammatory mediator expression and diaphragm dysfunction          |                 | \$104,827                          |           | 5 Yr(s) | RS        |        |

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|---|-----------------|------------------------------------|-----------|---------|-----------|--------|
| <b>MCPHERSON, Peter S</b><br>McGill University<br>Montreal Neurological Institute<br>Probing biological outcomes of a proteomic analysis of clathrin-coated vesicles      |                 | \$144,854                          |           | 5 Yr(s) | CP        |        |
| <b>HUSSAIN, Sabah N</b><br>McGill University<br>Royal Victoria Hospital (Montreal)<br>Mechanisms of angiopoietin/tie-2 signaling in endothelial cells                     |                 | \$94,705                           |           | 3 Yr(s) | CSC       |        |
| <b>ROUGHLEY, Peter J</b><br>McGill University<br>Shriners Hospital for Children (Montréal)<br>The function of the leucine-rich repeat proteoglycans of connective tissues |                 | \$93,002                           |           | 5 Yr(s) | CIB       |        |
| <b>ASHKAR, Ali A</b><br>McMaster University<br>Role of IL-15 and NK cells in innate defense against mucosal viral infection   |                 | \$113,104                          |           | 5 Yr(s) | VVP       |        |

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|---|---|------------------------------------|-----------|---------|-----------|--------|
| <b>AUSTIN, Richard C</b><br>McMaster University<br>Role of TDAG51 to the development and progression of atherothrombotic disease  |   | \$112,316                          |           | 5 Yr(s) | CSC       |        |
| <b>COOMBES, Brian K</b><br>McMaster University<br>Identification and regulation of integrated virulence genes during salmonella pathogenesis  |   | \$97,068                           |           | 5 Yr(s) | MI        |        |
| <b>O'DONNELL, Martin J</b><br><b>YUSUF, Salim</b><br>McMaster University<br>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 | GLADSTONE, David J /<br>KAPRAL, Moira K /<br>OCZKOWSKI, Wieslaw J /<br>SAPOSNIK, Gustavo /<br>XAVIER, Denis B | \$114,879                          |           | 3 Yr(s) | POP       |        |
| <b>ORTEGA, Joaquin</b><br>McMaster University<br>Structural and functional analysis of macromolecular machines involved in the protein quality control system   |   | \$108,544                          |           | 5 Yr(s) | BMA       |        |

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|---|---|------------------------------------|-----------|---------|-----------|--------|
| <b>SINDING, Christina<br/>GOULD, Judith A</b><br>McMaster University<br>Negotiating equity: Toward the elimination of<br>disparities in cancer care                                     | ARONSON, Jane / FITCH,<br>Margaret I / HUDAK,<br>Pamela L / KELLER-<br>OLAMAN, Susan / LEARN,<br>Linda / NELSON, Jennifer J<br>/ SUSSMAN, Jonathan /<br>WIERNIKOWSKI, Jennifer<br>A | \$80,676                           |           | 4 Yr(s) | HSR       |        |
| <b>TRUANT, Ray</b><br>McMaster University<br>Investigating the potential of a membrane<br>association signal in the huntingtin protein as a<br>new drug target for Huntington's Disease |   | \$108,640                          |           | 5 Yr(s) | CBM       |        |
| <b>WAN, Yonghong</b><br>McMaster University<br>Tumour immunotherapy with oncolytic virus<br>and cancer vaccines   | LICHTY, Brian D   | \$121,168                          |           | 5 Yr(s) | CBT       |        |
| <b>RAHMAN, Proton</b><br>Memorial University of Newfoundland<br>Further genetic and functional characterization<br>of Candidate genes/regions in psoriatic arthritis                    | GLADMAN, Dafna D /<br>INMAN, Robert D / TSUI,<br>Florence W   | \$132,644                          |           | 3 Yr(s) | CIB       |        |

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|---|-----------------------------------|------------------------------------|-----------|---------|-----------|--------|
| <b>MERHI, Yahye</b><br>Montreal Heart Institute<br>Signaling and function of P-selectin in athero-<br>thrombosis  |                                   | \$98,839                           |           | 4 Yr(s) | CSC       |        |
| <b>NATTEL, Stanley</b><br>Montreal Heart Institute<br>Mechanisms and consequences of atrial ionic<br>remodeling   |                                   | \$170,935                          |           | 5 Yr(s) | CSB       |        |
| <b>WANG, Zhiguo</b><br>Montreal Heart Institute<br>Post-transcriptional repression of ion channels<br>by the muscle-specific microRNAs miR-1 and<br>miR-133 and the potential implications in<br>electrophysiologic remodeling in failing heart |                                   | \$124,189                          |           | 4 Yr(s) | PT        |        |
| <b>BOCKING, Alan D</b><br>Mount Sinai Hospital (Toronto)<br>Role of lactobacilli in maternal and perinatal<br>health  | CHALLIS, John R / REID,<br>Gregor | \$96,070                           |           | 5 Yr(s) | CIA       |        |

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|--|--|------------------------------------|-----------|---------|-----------|--------|
| <b>CULOTTI, Joseph G</b><br>Mount Sinai Hospital (Toronto)<br>Samuel Lunenfeld Research Institute (Toronto)<br>Molecular genetic analysis of biogenic amine signaling in <i>C. elegans</i> |  | \$71,640                           |           | 3 Yr(s) | G         |        |
| <b>DRUCKER, Daniel J</b><br>Mount Sinai Hospital (Toronto)<br>Samuel Lunenfeld Research Institute (Toronto)<br>Elucidating the role of GIP in glucose homeostasis                          |  | \$111,393                          |           | 5 Yr(s) | M         |        |
| <b>LYE, Stephen J</b><br>Mount Sinai Hospital (Toronto)<br>Samuel Lunenfeld Research Institute (Toronto)<br>Extra villous trophoblast mediated utero-placental vascular remodelling        | DUNK, Caroline E /<br>KEATING, Sarah J /<br>MAXWELL, Cynthia V | \$128,562                          |           | 5 Yr(s) | E         |        |

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|--|--|------------------------------------|-----------|---------|-----------|--------|
| <b>LYE, Stephen J</b><br>Mount Sinai Hospital (Toronto)<br>Samuel Lunenfeld Research Institute (Toronto)<br>Gene-environment interactions underlying the developmental origins of health and disease | BEILIN, Lawrence J /<br>BRIOLLAIS, Laurent /<br>CHALLIS, John R /<br>DOHERTY, Dorota A /<br>MATTHEWS, Stephen G /<br>NEWNHAM, John P /<br>OZCELIK, Hilmi /<br>PALMER, Lyle J /<br>PENNELL, Craig E /<br>SIMINOVITCH, Katherine A /<br>STANLEY, Fiona J /<br>VAN EEKELEN, Johanna A /<br>ZUBRICK, Stephen R | \$136,276                          |           | 3 Yr(s) | CIA       |        |
| <b>ADDISON, Christina L</b><br>Ottawa Health Research Institute<br>Role of extracellular matrix in resistance to anti-angiogenic therapies   |  | \$100,000                          |           | 1 Yr(s) | CPT       |        |
| <b>BELL, John C</b><br>Ottawa Health Research Institute<br>Virus: Host interactions during oncolytic virus therapy   | ATKINS, Harold L   | \$110,259                          |           | 5 Yr(s) | VVP       |        |

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|--|---|------------------------------------|-----------|---------|-----------|--------|
| <b>BRAND, Marjorie C</b><br>Ottawa Health Research Institute<br>Systems biology approach to elucidate the role of SCL/TAL-1 in T-cell acute lymphoblastic leukemia |   | \$129,194                          |           | 3 Yr(s) | GMX       |        |
| <b>KENNEDY, Christopher R</b><br>Ottawa Health Research Institute<br>Function of prostaglandin EP receptor Subtypes in glomerular disease                          |   | \$110,721                          |           | 5 Yr(s) | EM        |        |
| <b>KNOLL, Gregory</b><br><b>FERGUSON, Dean A</b><br>Ottawa Health Research Institute<br>Novel markers to improve the detection of declining kidney function        | AKBARI, Ayub /<br>CANTAROVICH, Marcelo /<br>GILL, John S /<br>GOURISHANKAR, Sita /<br>KIBERD, Bryce A /<br>LEPAGE, Nathalie /<br>MUIRHEAD, Norman /<br>PRASAD, G.V. R /<br>RAMSAY, Timothy O /<br>TIBBLES, Lee Anne /<br>TRELEAVEN, Darin J /<br>WHITE, Christine A | \$46,180                           |           | 5 Yr(s) | HSI       |        |
| <b>KOTHARY, Rashmi K</b><br>Ottawa Health Research Institute<br>Dystonin/bpag1 - a versatile linker protein  |   | \$134,823                          |           | 5 Yr(s) | CBM       |        |

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|--|--|------------------------------------|-----------|---------|-----------|--------|
| <b>MEGENEY, Lynn A</b><br>Ottawa Health Research Institute<br>The role of caspase mediated DNA cleavage in cell differentiation                                  |  | \$93,447                           |           | 3 Yr(s) | G         |        |
| <b>STIELL, Ian G</b><br>Ottawa Health Research Institute<br>A study to develop clinical decision rules for the hospital admission of patients with acute dyspnea | AARON, Shawn D /<br>BRISON, Robert J /<br>CALDER, Lisa A /<br>FORSTER, Alan J /<br>PERRY, Jeffrey J / ROWE,<br>Brian H / WELLS, George A | \$116,951                          |           | 3 Yr(s) | HSI       |        |
| <b>WEN, Shi Wu</b><br>Ottawa Health Research Institute<br>Folic acid supplementation in early second trimester and the risk of preeclampsia                      | PERKINS, Sherry L /<br>RODGER, Marc A /<br>SMITH, Graeme N /<br>WALKER, Mark C /<br>YANG, Qiuying  | \$131,363                          |           | 3 Yr(s) | PUB       |        |
| <b>YANG, Qiuying</b><br>Ottawa Health Research Institute<br>Perinatal outcomes in pregnancy women treated with antidepressants                                   | BRADWEJN, Jacques /<br>FERGUSON, Dean A /<br>KOREN, Gideon /<br>WALKER, Mark C / WEN,<br>Shi Wu  | \$71,564                           |           | 1 Yr(s) | PUB       |        |

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|---|---|------------------------------------|-----------|---------|-----------|--------|
| <b>TASCA, George</b><br>Ottawa Health Research Institute<br>Ottawa Hospital General Campus (Ottawa Ontario)<br>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 /<br>BISSADA, Hany E /<br>KRYSAWSKI, Valerie L /<br>PRYDE, Kirsti A /<br>RITCHIE, Kerri | \$52,762                           |           | 2 Yr(s) | GSH       |        |
| <b>SCHREINER, L. J</b><br>Queen's University (Kingston, Ontario)<br>Kingston Regional Cancer Centre (Ontario)<br>Improved polymer gel dosimetry for clinical radiation therapy  | DARKO, Johnson /<br>MCAULEY, Kim B /<br>SALOMONS, Gregory J   | \$71,481                           |           | 3 Yr(s) | MPI       |        |
| <b>AMSDEN, Brian G</b><br>Queen's University (Kingston, Ontario)<br>Injectable formulation for growth factor delivery   | PANG, Stephen C   | \$89,514                           |           | 4 Yr(s) | PS        |        |
| <b>BANFIELD, Bruce W</b><br>Queen's University (Kingston, Ontario)<br>AlphaHerpesvirus cell-to-cell spread  |   | \$97,365                           |           | 5 Yr(s) | VVP       |        |

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|---|---|------------------------------------|-----------|---------|-----------|--------|
| <b>CRAIG, Andrew W</b><br>Queen's University (Kingston, Ontario)<br>Regulation of mast cell activation and<br>inflammation  |   | \$94,565                           |           | 3 Yr(s) | ITB       |        |
| <b>FLANAGAN, John R</b><br>Queen's University (Kingston, Ontario)<br>Sensorimotor processes underlying object<br>manipulation   |   | \$99,928                           |           | 5 Yr(s) | BSC       |        |
| <b>LEVESQUE, Linda E</b><br>Queen's University (Kingston, Ontario)<br>Antithrombotic treatment intensity and the risk<br>of hemorrhagic complications in the elderly: A<br>population-based study | BROPHY, James M /<br>DASKALOPOULOU,<br>Styliani / DENDUKURI,<br>Nandini / MAYO, Nancy E | \$102,749                          |           | 2 Yr(s) | POP       |        |
| <b>FENSTER, Aaron</b><br>Robarts Research Institute - U.W.O. (London,<br>Ont.)<br>Development of 3D ultrasound techniques for<br>carotid artery disease assessment and<br>monitoring              | PARRAGA, Grace /<br>SPENCE, John D  | \$112,861                          |           | 5 Yr(s) | MPI       |        |

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|--|---|------------------------------------|-----------|---------|-----------|--------|
| <b>GROS, Robert</b><br>Robarts Research Institute - U.W.O. (London, Ont.)<br>Regulators of G-protein-coupled receptor-mediated vascular responses  |   | \$80,041                           |           | 3 Yr(s) | CSC       |        |
| <b>MADRENAS, Joaquin</b><br>Robarts Research Institute - U.W.O. (London, Ont.)<br>The role of SLP-2 in TCR signalosome assembly and T cell activation  |   | \$121,389                          |           | 5 Yr(s) | ITA       |        |
| <b>PASTERNAK, Stephen H</b><br>Robarts Research Institute - U.W.O. (London, Ont.)<br>Characterizing the role of the endosomal/lysosomal system in Alzheimer's Disease  | FERGUSON, Stephen S   | \$99,248                           |           | 3 Yr(s) | BCA       |        |
| <b>CHAUDHURY, Habib</b><br>Simon Fraser University (Burnaby, B.C.)<br>The role of neighbourhood physical environment and social capital on physical activity of older adults: A comparative analysis in Vancouver, British Columbia and portland, Oregon | HAYES, Michael V /<br>MAHMOOD, Atiya N /<br>MICHAEL, Yvonne L /<br>SARTE, Ann F | \$82,970                           |           | 3 Yr(s) | SDA       |        |

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|---|--|------------------------------------|-----------|---------|-----------|--------|
| <b>LEAR, Scott A</b><br>Simon Fraser University (Burnaby, B.C.)<br>Multicultural community health assessment trial (M-CHAT): A longitudinal study of body fat distribution and cardiovascular risk in four ethnic populations           | BIRMINGHAM, C. Laird /<br>FROHLICH, Jiri J /<br>HUMPHRIES, Karin H /<br>MANCINI, G. B. J | \$151,469                          |           | 4 Yr(s) | NUT       |        |
| <b>LEROUX, Michel R</b><br>Simon Fraser University (Burnaby, B.C.)<br>Biogenesis and functions of sensory cilia   |  | \$92,892                           |           | 5 Yr(s) | CP        |        |
| <b>ALOYZ, Raquel S</b><br>Sir Mortimer B. Davis Jewish General Hospital-<br>Mtl<br>Lady Davis Institute for Medical Research<br>(Mtl)<br>mechanisms of dasatinib cytotoxicity and sensitization therapy in chronic lymphocytic leukemia |  | \$62,815                           |           | 2 Yr(s) | PS        |        |

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

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

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

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

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|---|-----------------|------------------------------------|-----------|---------|-----------|--------|
| <b>HENDERSON, Janet E</b><br>The Res. Inst. of the McGill University Health Ctr<br>McGill University<br>Molecular control of skeletal regeneration and repair   | HACKING, Adam S | \$144,526                          |           | 5 Yr(s) | BME       |        |
| <b>REED, Michael B</b><br>The Res. Inst. of the McGill University Health Ctr<br>Montreal General Hospital<br>The unique adaptations of the Mycobacterium tuberculosis "beijing" family - not all tuberculosis strains are created equal |                 | \$96,728                           |           | 3 Yr(s) | MI        |        |
| <b>BOURQUE, Charles W</b><br>The Res. Inst. of the McGill University Health Ctr<br>Role of TRPV channels in the thermal and osmotic control of vasopressin neurons  |                 | \$137,669                          |           | 5 Yr(s) | NSA       |        |
| <b>MURAI, Keith</b><br>The Res. Inst. of the McGill University Health Ctr<br>Neuron-glia mechanisms that regulate synaptic morphology and function  |                 | \$133,188                          |           | 5 Yr(s) | NSB       |        |

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

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

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

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|---|---|------------------------------------|-----------|---------|-----------|--------|
| <b>LAM, Tony K</b><br>University Health Network (Toronto)<br>Metabolic impact of small intestinal nutrient sensing  |   | \$81,290                           |           | 3 Yr(s) | M         |        |
| <b>LEWIS, Gary F</b><br>University Health Network (Toronto)<br>Determining the mechanism of intestinal and hepatic lipoprotein overproduction in insulin resistance |   | \$108,692                          |           | 5 Yr(s) | M         |        |
| <b>MEDIN, Jeffrey A</b><br>University Health Network (Toronto)<br>Enhancement of gene transfer outcomes for fabry disease   |   | \$112,956                          |           | 5 Yr(s) | CSC       |        |
| <b>SCHUH, Andre C</b><br>University Health Network (Toronto)<br>Elucidation of the role(s) of EVII variants in MDS and AML  |   | \$96,489                           |           | 3 Yr(s) | CBT       |        |
| <b>YEUNG, Ivan Wai Tong</b><br>University Health Network (Toronto)<br>On-line perfusion measurement with contrast enhanced cone-beam CT in radiation therapy        | CHO, Young-Bin /<br>DAWSON, Laura A /<br>JAFFRAY, David A | \$54,814                           |           | 2 Yr(s) | MPI       |        |

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|---|--|------------------------------------|-----------|-------------------|-----------|--------|
| <b>AUSTIN, Wendy J</b><br>University of Alberta<br>The experience and resolution of moral distress<br>in paediatric intensive care teams: A Canadian<br>perspective                 | CARNEVALE, Franco<br>(Frank) A / FRANK, Arthur<br>/ GARROS, Daniel | \$48,909                           |           | 3 Yr(s)           | ELH       |        |
| <b>BEFUS, A. D</b><br>University of Alberta<br>Expression and functional significance of the<br>cystic fibrosis transmembrane conductance<br>regulator (CFTR) in mast cells         |  | \$84,902                           |           | 3 Yr(s)           | ITB       |        |
| <b>CHURCHILL, Thomas A</b><br>University of Alberta<br>Alleviating intestinal ischemia-reperfusion<br>injury: Application to organ transplantation                                  | BIGAM, David L /<br>MADSEN, Karen L                                | \$108,696                          |           | 3 Yr(s)           | EM        |        |
| <b>COUPLAND, Nicholas J</b><br>University of Alberta<br>Cortisol modulation of prefrontal glutamate-<br>glutamine activity in healthy controls and<br>posttraumatic stress disorder | CHOI, Changho /<br>HEGADOREN, Kathy M /<br>MALYKHIN, Nikolai V     | \$84,762                           |           | 3 Yr(s)<br>6 Mths | BSB       |        |

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|---|--|------------------------------------|-----------|---------|-----------|--------|
| <b>DAVISON, Sara</b><br>University of Alberta<br>Health and wellness in saddle lake first nation:<br>Promoting self care for the prevention and<br>treatment of Diabetes and kidney failure | CLARK, Alexander M /<br>DAVIS, Caroline E /<br>HARSCH, Dawn M /<br>MAKOKIS, Patricia A   | \$52,117                           |           | 3 Yr(s) | ABH       |        |
| <b>DYCK, Jason R</b><br>University of Alberta<br>The involvement of CD36 in the regulation of<br>myocardial metabolism and function   |  | \$96,070                           |           | 5 Yr(s) | CSA       |        |
| <b>ESTABROOKS, Carole Anne</b><br>University of Alberta<br>Translating research in elder care   | CUMMINGS, Greta /<br>DEGNER, Lesley F /<br>DOPSON, Susan /<br>LASCHINGER, Heather /<br>MCGILTON, Katherine S /<br>MENEK, Verena H /<br>MORGAN, Debra G /<br>NORTON, Peter G /<br>PROFETTO-MCGRATH,<br>Joanne / RYCROFT-<br>MALONE, Joanne / SALES,<br>Anne E / SMITH, Malcolm<br>C / STEWART, Norma J /<br>TEARE, Gary F | \$946,082                          |           | 5 Yr(s) | KTE       |        |

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|---|---|------------------------------------|-----------|---------|-----------|--------|
| <b>GODBOUT, Roseline</b><br>University of Alberta<br>Role of disabled-1 in the differentiating retina   |   | \$107,983                          |           | 4 Yr(s) | CBM       |        |
| <b>GUILBERT, Larry J</b><br>University of Alberta<br>The balance between placental cell death and tissue remodeling in IUGR complicated pregnancies | DAVIDGE, Sandra T /<br>DEMIANCZUK, Nestor N | \$92,490                           |           | 5 Yr(s) | CIA       |        |
| <b>HOBMAN, Tom C</b><br>University of Alberta<br>Analyses of argonaute proteins: Functions in RNA interference and signaling                        |   | \$127,158                          |           | 5 Yr(s) | CP        |        |
| <b>HOLMES, Charles F</b><br>University of Alberta<br>Analysis of cyanobacterial liver toxins in first nations drinking water                        |   | \$100,000                          |           | 1 Yr(s) | ABH       |        |
| <b>LIGHT, Peter E</b><br>University of Alberta<br>Fat metabolism and the control of islet excitability: Implications for Type 2 Diabetes            |   | \$111,813                          |           | 3 Yr(s) | M         |        |

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

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

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|---|--|------------------------------------|-----------|---------|-----------|--------|
| <b>FRIEDMAN, Jan M</b><br>University of British Columbia<br>B.C. Research Institute for Children's &<br>Women's Health (Vancouver)<br>Recurrent novel copy number variants in<br>children with mental retardation | LANGLOIS, Sylvie F /<br>MICHAUD, Jacques L /<br>ROUSSEAU, François | \$96,709                           |           | 3 Yr(s) | CHI       |        |
| <b>LEUNG, Peter C</b><br>University of British Columbia<br>Child and Family Research Institute<br>Autocrine and paracrine control of ovarian<br>granulosa cell function   |  | \$119,312                          |           | 5 Yr(s) | E         |        |
| <b>LEUNG, Peter C</b><br>University of British Columbia<br>Child and Family Research Institute<br>Biological actions of gnRH in human<br>implantation and placentation  | MACCALMAN, Colin D   | \$105,307                          |           | 5 Yr(s) | CIA       |        |
| <b>TIBBITS, Glen F</b><br>University of British Columbia<br>Child and Family Research Institute<br>Ontogeny of myocardial excitation contraction<br>coupling mechanisms   |  | \$144,016                          |           | 5 Yr(s) | CSA       |        |

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|--|----------------------------------|------------------------------------|-----------|---------|-----------|--------|
| <b>HOGG, James C</b><br>University of British Columbia<br>St. Paul's Hospital, Vancouver<br>Structure and function of the bronchial mucosa                   | HAYASHI, Shizu                   | \$68,672                           |           | 2 Yr(s) | RS        |        |
| <b>WALLEY, Keith R</b><br>University of British Columbia<br>St. Paul's Hospital, Vancouver<br>Toll-like receptor signaling in cardiac<br>inflammatory states |                                  | \$122,899                          |           | 5 Yr(s) | CSB       |        |
| <b>ANSLEY, David M</b><br>University of British Columbia<br>PRO-TECT II: Propofol cardioprotection for<br>type II diabetics                                  | CHEN, David D / CHOI,<br>Peter T | \$85,657                           |           | 3 Yr(s) | PT        |        |
| <b>AULD, Vanessa J</b><br>University of British Columbia<br>Analysis of gliotactin function and formation of<br>the tricellular junction                     |                                  | \$115,543                          |           | 5 Yr(s) | CBM       |        |
| <b>CHRISTIE, Brian R</b><br>University of British Columbia<br>Effects of exercise on structural and functional<br>plasticity in the aging hippocampus        |                                  | \$110,131                          |           | 5 Yr(s) | NSB       |        |

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

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

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|---|--|------------------------------------|-----------|---------|-----------|--------|
| <b>PUTNINS, Edward E</b><br>University of British Columbia<br>Localization, expression and functional analysis<br>of genes associated with periodontal disease<br>onset and progression |  | \$112,389                          |           | 5 Yr(s) | DS        |        |
| <b>ROSSI, Fabio M</b><br>University of British Columbia<br>Role of CD34 in muscle stem/progenitor cell<br>function  |  | \$107,866                          |           | 3 Yr(s) | DEV       |        |
| <b>RUTH, Thomas J</b><br>University of British Columbia<br>Development of radiotracers based on<br>oligonucleotide labelling  | ADAM, Michael J /<br>BENARD, Francois /<br>PERRIN, David M /<br>STOESSL, A. Jonathan | \$114,042                          |           | 5 Yr(s) | PS        |        |
| <b>STRYNADKA, Natalie C</b><br>University of British Columbia<br>Structure-based analysis and inhibition of Type<br>III secretion in pathogenic bacteria                                |  | \$224,300                          |           | 5 Yr(s) | BMA       |        |
| <b>TAI, Isabella T</b><br>University of British Columbia<br>The role of SPARC in chemotherapy<br>sensitization  |  | \$85,592                           |           | 3 Yr(s) | CPT       |        |

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

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|---|---------------------|------------------------------------|-----------|---------|-----------|--------|
| <b>MCELWEE, Kevin J</b><br>University of British Columbia<br>Vancouver Coastal Health Research Institute<br>Genetics of alopecia areata   | SHAPIRO, Jerry      | \$84,503                           |           | 3 Yr(s) | CIB       |        |
| <b>WILSON, David R</b><br><b>GARBUZ, Donald</b><br>University of British Columbia<br>Vancouver Coastal Health Research Institute<br>Assessment of biomechanics and early cartilage degeneration at the hip using MRI: Method development and application to femoroacetabular impingement syndrome | MACKAY, Alexander L | \$82,263                           |           | 3 Yr(s) | BME       |        |
| <b>BURET, André G</b><br>University of Calgary<br>Claudins and myosin-light-chain kinase as therapeutic targets for Helicobacter pylori gastritis   |                     | \$80,095                           |           | 3 Yr(s) | EM        |        |
| <b>CHACONAS, George</b><br>University of Calgary<br>Telomere resolution, antigenic variation & DNA dynamics in the Lyme disease spirochete  |                     | \$164,566                          |           | 5 Yr(s) | BMB       |        |

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|---|---|------------------------------------|-----------|---------|-----------|--------|
| <b>COBB, Jennifer A</b><br>University of Calgary<br>The req helicase sgs1 maintains genomic integrity during replication  |   | \$114,037                          |           | 5 Yr(s) | G         |        |
| <b>DONNELLY, Tam T</b><br>University of Calgary<br>Contextual factors affecting HIV/AIDS treatment and prevention amongst recent immigrants from endemic countries    | KOVACS BURNS,<br>Katharina A / LAI, Daniel W<br>/ SCHNEE, Paul /<br>WORTHINGTON,<br>Catherine A | \$48,529                           |           | 2 Yr(s) | PSB       |        |
| <b>EMERY, Carolyn A</b><br>University of Calgary<br>The risk of injury associated with body checking among pediatric ice hockey players                               | BENSON, Brian W /<br>GOULET, Claude / HAGEL,<br>Brent E / MEEUWISSE,<br>Willem H / SHRIER, Ian  | \$214,300                          |           | 2 Yr(s) | CHI       |        |
| <b>GILES, Wayne R</b><br>University of Calgary<br>Physiological and pharmacological responses of adult cardiac fibroblasts  |   | \$105,544                          |           | 5 Yr(s) | CSA       |        |
| <b>GRAVEL, Roy A</b><br>University of Calgary<br>Mouse models of methionine synthase reductase: Abnormalities at the intersection of the folate and methionine cycles | CROSS, James C  | \$140,711                          |           | 5 Yr(s) | G         |        |

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

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|--|-----------------|------------------------------------|-----------|---------|-----------|--------|
| <b>LEE, Ki-Young</b><br>University of Calgary<br>Cyclin-dependent kinase 5 in sperm flagella<br>formation and function   |                 | \$118,787                          |           | 5 Yr(s) | CBM       |        |
| <b>MCGHEE, James D</b><br>University of Calgary<br>Development of the C. elegans intestine   |                 | \$132,689                          |           | 5 Yr(s) | DEV       |        |
| <b>MIDHA, Rajiv</b><br>University of Calgary<br>Repair of nerve injuries using skin derived<br>precursor stem cells  | GORDON, Tessa   | \$90,836                           |           | 3 Yr(s) | NSA       |        |
| <b>PARNEY, Ian F</b><br>University of Calgary<br>Immunosuppressive cell networks in malignant<br>glioma patients   |                 | \$84,985                           |           | 3 Yr(s) | CBT       |        |
| <b>SCHRIEMER, David C</b><br>University of Calgary<br>Microtubules and cancer therapy: Defining the<br>mechanistic relationship between synthetic and<br>endogenous regulators of microtubule<br>stabilizers |                 | \$95,599                           |           | 3 Yr(s) | CPT       |        |

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

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

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

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

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

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

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|--|-----------------|------------------------------------|-----------|---------|-----------|--------|
| <b>BLENCOWE, Benjamin J</b><br>University of Toronto<br>Global regulatory features of mammalian<br>alternative splicing  |                 | \$132,801                          |           | 5 Yr(s) | BMB       |        |
| <b>BRUBAKER, Patricia L</b><br>University of Toronto<br>Interactions between glucagon-like peptide-2<br>and the intestinal insulin-like growth factors in<br>the regulation of intestinal growth |                 | \$115,902                          |           | 5 Yr(s) | E         |        |
| <b>BURNHAM, W. M</b><br>University of Toronto<br>Anticonvulsant effects of progesterone and its<br>metabolites   |                 | \$80,659                           |           | 3 Yr(s) | BSA       |        |
| <b>CHARLTON, Milton P</b><br>University of Toronto<br>Analysis of transmitter release mechanisms   |                 | \$154,007                          |           | 5 Yr(s) | NSA       |        |
| <b>CHOW, Chung-Wai</b><br>University of Toronto<br>Expression and function of syk in airway<br>epithelial cells  |                 | \$100,000                          |           | 1 Yr(s) | RS        |        |

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

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|--|-----------------|------------------------------------|-----------|---------|-----------|--------|
| <b>HORNER, Richard L</b><br>University of Toronto<br>Control of breathing during sleep: Brainstem mechanisms of respiratory motor control  |                 | \$134,302                          |           | 5 Yr(s) | RS        |        |
| <b>HOURY, Walid A</b><br>University of Toronto<br>The role of molecular chaperones in protein folding and degradation: Analysis of the mechanism of function of chaperone-protease complexes |                 | \$134,239                          |           | 5 Yr(s) | CP        |        |
| <b>KAY, Lewis E</b><br>University of Toronto<br>Solution NMR studies of the proteasome   |                 | \$173,600                          |           | 5 Yr(s) | BMA       |        |
| <b>KAY, Lewis E</b><br>University of Toronto<br>Seeing the invisible by NMR spectroscopy: Studies of excited protein states  |                 | \$185,500                          |           | 5 Yr(s) | BMA       |        |
| <b>LIU, Jun</b><br>University of Toronto<br>Metabolic deficiency of BCG: A mechanism of attenuation  |                 | \$80,477                           |           | 3 Yr(s) | MI        |        |

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|---|---|------------------------------------|-----------|---------|-----------|--------|
| <b>MARTIN, Alberto</b><br>University of Toronto<br>Biochemical mechanisms of antibody diversification processes                                     |   | \$144,766                          |           | 5 Yr(s) | ITA       |        |
| <b>MATTHEWS, Jason</b><br>University of Toronto<br>Interactions of aryl hydrocarbon receptor and oestrogen receptor alpha                           |   | \$97,715                           |           | 3 Yr(s) | PT        |        |
| <b>MILLER, Judith A</b><br>University of Toronto<br>Hemodynamic modulation in type 1 Diabetes Mellitus  | CHERNEY, David Z /<br>SOCHETT, Etienne B                | \$104,580                          |           | 5 Yr(s) | CSB       |        |
| <b>REILLY, Raymond M</b><br>University of Toronto<br>Targeting the leukemic stem cell for auger electron radiotherapy of acute myelogenous leukemia | BRANDWEIN, Joseph M /<br>MINDEN, Mark D / NITZ,<br>Mark | \$93,410                           |           | 3 Yr(s) | CPT       |        |
| <b>RINI, James M</b><br>University of Toronto<br>Glycosyltransferase structure and mechanism  |   | \$128,439                          |           | 5 Yr(s) | BMA       |        |

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|---|---|------------------------------------|-----------|---------|-----------|--------|
| <b>ROCHON, Elizabeth A</b><br><b>BLACK, Sandra E</b><br><b>LEONARD, Carol L</b><br><b>LEVINE, Brian T</b><br>University of Toronto<br>The language impairment in progressive aphasia: A longitudinal neuropsychological and imaging study | CHOW, Tiffany W /<br>FREEDMAN, Morris /<br>GRAHAM, Naida L /<br>TANG-WAI, David F | \$102,368                          |           | 5 Yr(s) | BCA       |        |
| <b>STANFORD, William L</b><br>University of Toronto<br>Sca-1 null mice: A model of age-related osteoporosis   |   | \$107,225                          |           | 5 Yr(s) | DS        |        |
| <b>VAN DER KOOY, Derek J</b><br>University of Toronto<br>Cell lineage and brain development   |   | \$148,048                          |           | 5 Yr(s) | NSB       |        |
| <b>WELLS, Peter G</b><br>University of Toronto<br>Toxicology of drugs bioactivated to a reactive intermediate   |   | \$129,433                          |           | 5 Yr(s) | PS        |        |

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|---|-----------------|------------------------------------|-----------|---------|-----------|--------|
| <b>WILLIAMS, David B</b><br>University of Toronto<br>Functions of the calnexin/calreticulin chaperone system and of ER thiol oxidoreductases in protein folding and quality control                     |                 | \$122,537                          |           | 5 Yr(s) | CP        |        |
| <b>WINKLBAUER, Rudolf</b><br>University of Toronto<br>Control of cell migration in the vertebrate gastrula  |                 | \$119,746                          |           | 5 Yr(s) | DEV       |        |
| <b>ZANDSTRA, Peter W</b><br>University of Toronto<br>Engineering and controlling the microenvironment during human embryonic stem cell differentiation for the improved generation of blood progenitors |                 | \$139,024                          |           | 5 Yr(s) | BME       |        |
| <b>BOULANGER, Martin J</b><br>University of Victoria (British Columbia)<br>Defining the structural basis of surface antigen glycoprotein (SAG) mediated virulence in toxoplasma gondii                  |                 | \$84,763                           |           | 5 Yr(s) | BMA       |        |

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

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

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

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|---|-----------------|------------------------------------|-----------|---------|-----------|--------|
| <p><b>PELLEGRINI, Luca</b><br/>Université Laval<br/>Centre de recherche Université Laval-Robert-Giffard (QC)<br/>The rhomboid protease PARL, a novel mitochondrial checkpoint of apoptosis: Uncovering the molecular switches and signaling pathways governing its function</p> |                 | \$91,525                           |           | 4 Yr(s) | MCC       |        |
| <p><b>LEBEL, Michel</b><br/>Université Laval<br/>Centre de recherche de L'Hôtel-Dieu de Québec<br/>Molecular aging: A mouse molecular model for Werner Syndrome</p>   |                 | \$108,448                          |           | 5 Yr(s) | BCA       |        |
| <p><b>DI PAOLO-CHENEVERT, Thérèse</b><br/>Université Laval<br/>Centre hospitalier de l'Université Laval (Québec)<br/>Estrogenic drugs for neuroprotection and neuromodulation</p>   |                 | \$100,712                          |           | 5 Yr(s) | PS        |        |

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|---|--|------------------------------------|-----------|---------|-----------|--------|
| <b>GUIMONT, Chantal</b><br>Université Laval<br>Centre hospitalier de l'Université Laval<br>(Québec)<br>Identification des facteurs de risque de re-<br>consulter après avoir été libéré de l'urgence, lors<br>d'un même épisode de bronchiolite     | BERNIER, Daniel /<br>D'ANJOU, Anie-Claude /<br>DAIGNEAULT, Patrick /<br>GOUIN, Serge | \$70,440                           |           | 1 Yr(s) | CHI       |        |
| <b>OUELLETTE, Marc</b><br>Université Laval<br>Centre hospitalier de l'Université Laval<br>(Québec)<br>One carbon metabolism in the human parasite<br>Leishmania   |  | \$126,812                          |           | 5 Yr(s) | MI        |        |
| <b>ROUILLARD, Claude</b><br><b>CICCHETTI, Francesca</b><br><b>LEVESQUE, Daniel</b><br>Université Laval<br>Centre hospitalier de l'Université Laval<br>(Québec)<br>Cystamine: A potential new approach for<br>neuroprotection in Parkinson's Disease |  | \$43,249                           |           | 1 Yr(s) | PT        |        |

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|---|---|------------------------------------|-----------|---------|-----------|--------|
| <b>BISSONNETTE, Elyse</b><br>Université Laval<br>Hôpital Laval (Québec)<br>Role of alveolar macrophages in allergic asthma  |   | \$100,000                          |           | 1 Yr(s) | RS        |        |
| <b>PICARD, Frédéric</b><br>Université Laval<br>Hôpital Laval (Québec)<br>Molecular tuning of adipocyte biology by nuclear cofactors upon aging  |   | \$97,988                           |           | 3 Yr(s) | BCA       |        |
| <b>LEGARE, France</b><br><b>STACEY, Dawn</b><br>Université Laval<br>Hôpital Saint-François d'Assise (Québec)<br>Interprofessional approaches to shared decision making in primary care: Advancing theories, frameworks, methods and measurement | ELWYN, Glyn / FROSCHE,<br>Dominick L / GAGNON,<br>Marie-Pierre / GRAHAM,<br>Ian D / HARRISON,<br>Margaret B / PLUYE, Pierre | \$61,283                           |           | 2 Yr(s) | HPM       |        |
| <b>BARABÉ, Frédéric</b><br>Université Laval<br>Role and biology of MLL fusion genes in human leukemias  |   | \$118,813                          |           | 5 Yr(s) | MCC       |        |

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|---|---|------------------------------------|-----------|---------|-----------|--------|
| <b>BERTHOD, François</b><br>Université Laval<br>Peau reconstruite par génie<br>tissulaire: optimisation de la récupération tactile<br>in vivo et sa modélisation in vitro |   | \$105,004                          |           | 3 Yr(s) | CIB       |        |
| <b>BERTHOD, François</b><br>Université Laval<br>Stratégies de réparation des transections<br>nerveuses à l'aide de biomatériaux   |   | \$109,204                          |           | 3 Yr(s) | BME       |        |
| <b>DORVAL, Michel</b><br>Université Laval<br>Family communication following BRCA1/2<br>genetic testing  | GODARD, Beatrice /<br>SIMARD, Jacques R | \$84,861                           |           | 3 Yr(s) | KTE       |        |
| <b>FORTIER, Michel A</b><br>Université Laval<br>Evaluation of the contribution of prostaglandins<br>in the regulation of male fertility and genital<br>tract function     | LECLERC, Pierre /<br>SULLIVAN, Robert   | \$59,173                           |           | 2 Yr(s) | GSH       |        |
| <b>HUOT, Jacques</b><br>Université Laval<br>Role of stress-sensitive pathways in regulating<br>endothelial cell activation and functions                                  |   | \$113,642                          |           | 5 Yr(s) | CSC       |        |

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|--|---|------------------------------------|-----------|---------|-----------|--------|
| <b>MARETTE, André</b><br>Université Laval<br>Metabolic functions of the PTPase SHP-1 in insulin target tissues   | BEAUCHEMIN, Nicole /<br>SIMINOVITCH, Katherine<br>A   | \$123,030                          |           | 5 Yr(s) | M         |        |
| <b>VERREAULT, René</b><br><b>AUBIN, Michèle</b><br>Université Laval<br>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 /<br>HADJISTAVROPOULOS,<br>Thomas / KAASALAINEN,<br>Sharon J / LEMAY, Sylvie /<br>SAVOIE, Maryse L /<br>VOYER, Philippe | \$76,359                           |           | 3 Yr(s) | PLC       |        |
| <b>VOHL, Marie-Claude</b><br>Université Laval<br>A study of Candidate genes for obesity-related metabolic complications derived from expression profiling of visceral adipose tissue                                       | DESHAIES, Yves /<br>PÉRUSSE, Louis /<br>TCHERNOF, André   | \$166,354                          |           | 3 Yr(s) | POP       |        |
| <b>VOHL, Marie-Claude</b><br>Université Laval<br>Effect of the PPAR-alpha L162V polymorphism on the metabolic response to n-3 polyunsaturated fatty acid supplementation   | COUTURE, Patrick /<br>LEMIEUX, Simone   | \$70,440                           |           | 3 Yr(s) | NUT       |        |

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

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|--|---|------------------------------------|-----------|-------------------|-----------|--------|
| <b>JEMEL, Boutheina</b><br>Université de Montréal<br>Hôpital Rivière-des-Prairies (Montréal)<br>Interaction between levels of information processing in autism: Cognitive and EEG synchrony studies                              | BURACK, Jacob A /<br>GOSSELIN, Frédéric /<br>MOTTRON, Laurent | \$74,572                           |           | 3 Yr(s)<br>6 Mths | BSB       |        |
| <b>ANAND-SRIVASTAVA, Madhu B</b><br>Université de Montréal<br>G proteins and membrane signaling in cardiovascular system   |   | \$126,336                          |           | 5 Yr(s)           | CSA       |        |
| <b>ANCUTA, Petronela</b><br>Université de Montréal<br>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       |        |
| <b>BOUVIER, Michel</b><br>Université de Montréal<br>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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|---|-----------------------|------------------------------------|-----------|---------|-----------|--------|
| <b>D'AMOURS, Damien</b><br>Université de Montréal<br>Roles of SMC complexes in DNA repair and genome stability  |                       | \$109,002                          |           | 5 Yr(s) | G         |        |
| <b>DI POLO, Adriana</b><br>Université de Montréal<br>Role of acetylcholinesterase inhibitors for neuroprotection in glaucoma: Molecular mechanisms and therapeutic implications | CASANOVA, Christian F | \$100,000                          |           | 1 Yr(s) | CIA       |        |
| <b>DI POLO, Adriana</b><br>Université de Montréal<br>Molecular mechanisms regulating retinal ganglion cell axon regeneration in vivo  |                       | \$96,002                           |           | 5 Yr(s) | CBM       |        |
| <b>DREW, Trevor B</b><br>Université de Montréal<br>Cortical mechanisms contributing to the control of visually-guided locomotion in the cat                                     |                       | \$121,023                          |           | 5 Yr(s) | MOV       |        |

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|---|--|------------------------------------|-----------|---------|-----------|--------|
| <b>DUBOIS, Carl-Ardy</b><br><b>D'AMOUR, Danielle</b><br>Université de Montréal<br>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) | HPM       |        |
| <b>FERBEYRE, Gerardo</b><br>Université de Montréal<br>SOCS-1, a novel p53 activator and a senescence regulator  |  | \$91,821                           |           | 4 Yr(s) | BCA       |        |
| <b>LECOMTE, Tania</b><br><b>LECLERC, Claude R</b><br>Université de Montréal<br>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       |        |
| <b>LIPPÉ, Roger</b><br>Université de Montréal<br>Molecular analysis of Herpes simplex virus type I egress   |  | \$109,506                          |           | 5 Yr(s) | VVP       |        |

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

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|--|---|------------------------------------|-----------|----------------|------------|--------|
| <p><b>SEGUIN, Louise</b><br/><b>PARADIS, Gilles</b><br/>Université de Montréal<br/>Longitudinal analysis of the Quebec birth cohort: Pathways between early childhood poverty, stress, child health, cardiovascular risk factors and associated secular trends, and resiliency</p> | <p>BARNETT, Tracie A / DANIEL, Mark / DELVIN, Edgard E / GAUVIN, Lise / GRAY-DONALD, Katherine A / HANLEY, James A / LEFFONDRE, Karen / 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</p> | <p>\$345,049</p>                   |           | <p>4 Yr(s)</p> | <p>CHI</p> |        |
| <p><b>SWAINE, Bonnie R</b><br/>Université de Montréal<br/>Association between childhood head injury and subsequent suicide</p>   | <p>FELDMAN, Debbie / LESAGE, Alain D / ZHANG, Xun</p>   | <p>\$55,195</p>                    |           | <p>1 Yr(s)</p> | <p>CHI</p> |        |
| <p><b>VARIN, France</b><br/><b>BEAULIEU, Pierre</b><br/><b>DROLET, Pierre</b><br/>Université de Montréal<br/>Pharmacometrics of local anesthetics during peripheral nerve blocks in experimental and clinical settings</p>   | <p>LABBE, Line</p>  | <p>\$93,853</p>                    |           | <p>1 Yr(s)</p> | <p>PS</p>  |        |

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

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

\* "Research Institution" is displayed only when it is different from "Institution Paid".

\*\* PRC = Peer Review Committee. A legend to the committee codes appears at the end of this list.



| Principal Investigators<br>Institution Paid<br>Research Institution*<br>Title  | Co-Applicant(s)  | Average Annual<br>Operating Amount | Equipment | Term    | PRC<br>** | Status |
|--|--|------------------------------------|-----------|---------|-----------|--------|
| <b>COTE, Gilles</b><br>Université du Québec à Trois-Rivières<br>Institut Philippe Pinel de Montréal<br>Épidémiologie des troubles mentaux, des troubles de la personnalité et de la déficience intellectuelle en milieu carcéral | CROCKER, Anne G /<br>DAIGLE, Marc S / GOBBI,<br>Gabriella / TOUPIN, Jean /<br>TURECKI, Gustavo X | \$195,540                          |           | 3 Yr(s) | PSB       |        |
| <b>PRONOVOST, Jocelyne</b><br><b>PLOURDE, Chantal</b><br>Université du Québec à Trois-Rivières<br>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) | ABH       |        |

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**Peer Review Committees**

| <b>PRC</b> | <b>Name</b>   |
|------------|---|
| 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   |
| 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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