

Results of the 15/10/2003 Canada Graduate Scholarships - Doctoral Award**Updated: 07/04/2004**

| Name Department Institution Supervisor | Title |
|--|---|
| ALAIN, Tommy Medical Sciences University of Calgary FORSYTH, Peter A | The role of p67 in mediating susceptibility of cancer cells to viral oncolysis |
| AVVAKUMOV, Nikita Microbiology and Immunology London Regional Cancer Centre (Ontario) MYMRYK, Joseph S | Identification of novel cellular targets of the human papillomavirus E7 oncoprotein |
| BALLERMANN, Mark A Neurosciences University of Alberta FOUAD, Karim | Spontaneous anatomical plasticity, compensation, and treatment-induced repair: Origins of locomotor recovery in spinal cord injured rats |
| BARTON, Tara S Pharmacology and Therapeutics McGill University HALES, Barbara F | The impact of cyclophosphamide on male germ cell quality and consequences on early post-fertilization events |
| BAUMBUSCH, Jennifer L Nursing University of British Columbia ANDERSON, Joan M | Ethnocultural diversity in long-term care facilities |
| BEAUSEJOUR, Marie Médecine sociale et préventive Université de Montréal GOULET, Lise | Pour un diagnostic précoce de la scoliose idiopathique de l'adolescence : Étude des déterminants du patron de référence en orthopédie et nouvelles perspectives en biologie moléculaire |
| BENKIRANE, Karim Biochimie Institut de recherches cliniques de Montréal SCHIFFRIN, Ernesto L | Modulation des voies de signalisation de l'ang II et de la régulation transcriptionnelle de PGC-1 par des activateurs de PPAR-gamma dans l'hypertension artérielle |
| BETIK, Andrew Biomechanics University of Calgary HERZOG, Walter | Mechanisms of force enhancement and the passive force component following active muscle lengthening |

| Name Department Institution Supervisor | Title |
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| BLOOD, Paul Anthony Health Care and Epidemiology University of British Columbia BLACK, Charlyn | The incidence of hip fracture in men treated with androgen deprivation therapy for prostate cancer |
| BOYD, Pamela J Institute of Medical Sciences University of Toronto BENDECK, Michelle P | The relationship between matrix metalloproteinase activity and the discoidin domain receptor during smooth muscle cell migration in arterial disease |
| BUNGAY, Victoria A Applied Sciences University of British Columbia JOHNSON, Joy L | The survival capacities and perceived health care needs of women involved in the sex trade who use injection drugs |
| CAMPBELL, Tracy L Biochemistry McMaster University BROWN, Eric D | Characterization of the cellular function and the physiological role of the essential Escherichia coli protein, yjeQ |
| CHAMPOD, Anne Sophie Psychology McGill University PETRIDES, Michael | Dissociable roles of mid-dorsolateral prefrontal cortex and posterior parietal cortex in working memory function |
| CORSON, Timothy W Cancer Genetics University Health Network (Toronto) GALLIE, Brenda L | Oncogenes in genomic regions of gain in retinoblastoma |
| DACOSTA, Corrie J Biochemistry, Microbiology & Immunology University of Ottawa BAENZIGER, John E | The complete three-dimensional structure of the nicotinic acetylcholine receptor from torpeda californica |
| DAVIES, Theresa C Kinesiology University of Waterloo (Ontario) PATLA, Aftab E | Obstacle avoidance strategies of individuals with visual impairments |

| Name Department Institution Supervisor | Title |
|---|---|
| DESROCHES, Sophie Sciences des aliments et nutrition Université Laval LAMARCHE, Benoît | Étude des mécanismes expliquant les changements lipidiques induits par la consommation d'un régime riche en acides gras monoinsaturés comparativement à un régime riche en glucides complexes |
| DOERING, Clinton J Physiology and Biophysics University of Calgary ZAMPONI, Gerald W | Molecular and pharmacological characterization of a novel human calcium channel implicated in incomplete X-linked congenital stationary night blindness |
| DUGUAY, David Pharmacologie Centre Hosp. de l'Université de Montréal (CHUM) DEBLOIS, Denis | Mécanismes moléculaires de l'apoptose cardiovasculaire en réponse aux anti-hypertenseurs |
| ESTALL, Jennifer Laboratory Medicine & Pathobiology University of Toronto DRUCKER, Daniel J | Analysis of glucagon-like peptide 2 receptor signalling and desensitization |
| EVERITT, Jason C Cell Biology University of Alberta HOBMAN, Tom C | Understanding the molecular basis of rubella virus (RV)-induced pathogenicity |
| FATTOUH, Ramzi Pathology and Molecular Medicine McMaster University JORDANA, Manel | Investigation into the cellular and molecular mechanisms underlying the development of allergic sensitization to house dust mite allergens - focusing on the role of GM-CSF |
| FORTIN, Andre Cellular and Molecular Medicine University of Ottawa SLACK, Ruth S | Siva - a regulator of neuronal cell death after injury |
| FRASER, Michael Hormones, Growth and Development Ottawa Health Research Institute TSANG, Benjamin K | The role of p53 in chemoresistance in human ovarian cancer |

| Name Department Institution Supervisor | Title |
|---|--|
| GAUTHIER, Andre University of Ottawa Heart Institute MCPHERSON, Ruth | Functional role of CETP in the in vivo selective uptake of cholesteryl esters from HDL - is there a dependence on transfer activity? |
| GILBERT TREMBLAY, Pierre-Luc Unité de recherche en neurosciences Centre Hosp. de l'Université de Montréal (CHUM) BEDARD, Marc-André | Étude neuropsychologique et neurophysiologique des fluctuations cognitives dans la démence à corps de lewy |
| GILCA, Rodica Médecine sociale et préventive Université Laval DE SERRES, Gaston | Épidémiologie du métapneumovirus humain (hMPV) chez les enfants |
| GILL, Sandeep K. Physiology University of Western Ontario RYLETT, Jane R | Molecular characterization of 82-kDa and 69-kDa human choline acetyltransferase (hChAT) proteins |
| GUCCIARDI, Enza University Health Network (Toronto) STEWART, Donna E | Psychosocial determinants of attrition and retention in diabetes education programs |
| HARRIS, Jocelyn E Rehabilitation Sciences University of British Columbia ENG, Janice J | The effectiveness of a modified version of constraint-induced movement therapy in stroke |
| HEINONEN, Krista M Experimental Medicine McGill University TREMBLAY, Michel L | The combined effect of two related protein tyrosine phosphatases, TC-PTP and PTP-1B, in interferon signaling and inflammatory immune responses |
| HEROUX, Madeleine Biochimie Université de Montréal BOUVIER, Michel | Rôle de l'assemblage oligomérique dans l'ontologie des récepteurs couplés aux protéines G |

| Name Department Institution Supervisor | Title |
|--|--|
| HESKETH, John C Pharmacology and Therapeutics McGill University NATTEL, Stanley | Evaluation of the role of miRP1 in the regulation of cardiac electrical function |
| IRANI, Tanya Laboratory Medicine & Pathobiology University of Toronto DRUCKER, Daniel J | Elucidating novel incretin actions in vitro and in vivo |
| KOHLI, Michele Health Policy, Management & Evaluation University of Toronto COYTE, Peter C | Eliciting community preferences for home care using conjoint analysis and qualitative methods |
| LALONDE, Jasmin Psychology McGill University CHAUDHURI, Avi | The role of calcium/calmodulin-dependent protein kinase IV (caMKIV) expression in cortical neuroplasticity and neuroprotection |
| LAM, Rebecca Physiology University of Alberta DUSZYK, Marek | The role of lipid rafts in regulating basolateral potassium channels in colonic epithelium |
| LAMBERT, Sylvie School of Nursing McGill University LOISELLE, Carmen G | The impact of interactive health communication on psychosocial adjustment to breast cancer |
| LIU, Geniva Psychology University of British Columbia ENNS, James T | Understanding visual attention for action and perception |
| LORD, Catherine Neurosciences McGill University LUPIEN, Sonia J | Index of estrogen exposure as a predictor of cognitive functions and cerebral volumes in aging |

| Name Department Institution Supervisor | Title |
|--|--|
| LUSIGNAN, Felix-Antoine Neuropsychologie Hôpital du Sacré-Coeur de Montréal GODBOUT, Roger | Étude en laboratoire du rêve des personnes atteintes de schizophrénie |
| MACDONALD, Marcia L Genetics Centre for Molecular Medicine & Therapeutics (BC) HAYDEN, Michael R | Stearoyl-coA desaturase genetics and biology: Tissue-specific function and role in dyslipidemia and susceptibility to atherosclerosis |
| MACKEY, Dawn C Kinesiology Simon Fraser University (Burnaby, B.C.) ROBINOVITCH, Stephen N | Biomechanics of balance improvement in elderly fallers |
| MATTEAU, Isabelle Ecole d'optométrie Université du Québec à Montréal PTITO, Maurice | La substitution corticale sensorielle chez les aveugles nés: Une étude d'imagerie par résonance magnétique fonctionnelle (IRMf) |
| MAUGER, Jean-Francois Nutrition Université Laval LAMARCHE, Benoît | Étude métabolique des cytokines pro-inflammatoires CRP et interleukin-6 et de l'adiponectine en contexte d'obésité et d'intervention pharmacologique et nutritionnelle |
| MAXIMOVA, Katerina Public Health Sciences University of Alberta SENTHILSELVAN, Ambikaipakan | Childhood obesity in Canada: Examining the impacts of the social environment |
| MAYNARD, Mindy A Laboratory Medicine & Pathobiology University of Toronto OHH, Michael | Functional characterisation of human hif-3alpha splice isoforms |
| MCKAY, Bruce E Neurosciences University of Calgary TURNER, Raymond W | Role of kv3 potassium channels in the output of cerebellar purkinje neurons |

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|--|--|
| MCNICOLL, Francois Biologie médicale Université Laval PAPADOPOULOU, Barbara | Étude du mécanisme de contrôle traductionnel des gènes exprimés spécifiquement au stade intracellulaire du parasite Leishmania |
| MICELI, Paula Psychology York University (Toronto, Ontario) TROBST, Krista K | Cognitive and affective factors influencing perception of bladder sensations and urinary urgency in patients with overactive bladder |
| MICHNO, Kinga Developmental Biology Hospital for Sick Children (Toronto) BOULIANNE, Gabrielle L | Development of a SOD1-associated model of ALS using Drosophila melanogaster as a model system |
| MILLER, Karen-Lee Public Health Sciences University of Toronto BADGLEY, Robin F | The victim impact statement (VIS) and sexual assault: Implications for women's health and recovery |
| MIN-OO, Gundula E Biochemistry McGill University GROS, Philippe | Identification of genetic factors controlling reticulocytosis and resistance to malaria in a murine model |
| NETHERTON, Stuart J Pharmacology and Toxicology Queen's University (Kingston, Ontario) MAURICE, Donald H | Role of cyclic nucleotide phosphodiesterases in diabetes-associated cardiovascular diseases: Implications in angiogenesis |
| OUELLET, Veronique Biologie moléculaire Centre Hosp. de l'Université de Montréal (CHUM) MES-MASSON, Anne-Marie | Profil d'expression différentiel des tumeurs épithéliales ovariennes borderline |
| PAGLIARDINI, Silvia Physiology University of Alberta GREER, John J | Development of the mammalian respiratory rhythm generating centre |

| Name Department Institution Supervisor | Title |
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| PARSONS, Ainslie B Medical Genetics & Microbiology University of Toronto BOONE, Charles M | Application of a yeast chemical genomics platform to link biologically active compounds with their intracellular targets |
| PENNOCK, Steven D Cell Biology University of Alberta WANG, Zhixiang | The physiological importance of endosome-localized receptor tyrosine kinases |
| PHILLIPS, Rachel Sociology University of Victoria (British Columbia) BENOIT, Cecilia M | Courtesy stigma experienced by service providers of sex workers: A hidden health concern |
| PLEASANCE, Erin Dael Medical Genetics University of British Columbia JONES, Steven | Analysis of programmed cell death-related genes and pathways in cancers using bioinformatic approaches to gene expression analysis |
| RAKOBOWCHUK, Mark Kinesiology McMaster University MACDONALD, Maureen J | Contributions of arterial distensibility to blood flow at the onset of exercise: Does exercise training reduce the age related decrease in distensibility and account for increased regulation of limb blood flow at exercise onset? |
| SAEEDI-SAGHEZ, Ramesh Pathology and Laboratory Medicine University of British Columbia ALLARD, Michael F | Control of glycolysis in the hypertrophied heart |
| SANGHA, Susan Physiology and Neurosciences University of Calgary LUKOWIAK, Kenneth D | Extinction and memory formation in lymnaea |
| SAWATZKY, Richard G Nursing Research University of British Columbia RATNER, Pamela A | Multidimensional life satisfaction as an indicator of adolescent quality of life in the context of health |

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|---|---|
| SCHERTZER, Jeffery W Biochemistry McMaster University BROWN, Eric D | Characterization of the tagF protein: Molecular and kinetic insights into the nature of the essential teichoic acid polymerase from bacillus subtilis |
| SERGERIE, Yan Biologie médicale Centre hospitalier de l'Université Laval (Québec) BOIVIN, Guy | Élaboration d'un système in vitro permettant la manipulation du génome du virus herpes simplex afin de caractériser les mécanismes de résistance aux antiviraux |
| SHIH, Andy Yi-an Neurosciences University of British Columbia MURPHY, Timothy H | Saving neurons during stroke by activating a multi-faceted antioxidant defense in the brain |
| SHRIVE, Fiona Mary Community Health Sciences University of Calgary GHALI, William A | An economic evaluation of drug-eluting stents in coronary angioplasty |
| STEWART, Kristin J Physics McGill University SEUNTJENS, Jan P | Development of two novel devices, a liquid ionization chamber and an electron sealed water calorimeter, for accurate clinical radiation dosimetry |
| SZULE, Joseph A Physiology and Biophysics University of Calgary COORSSEN, Jens R | Identifying critical lipids, lipid-protein interactions, and their mode of action in the Ca ²⁺ triggered membrane fusion steps of exocytosis |
| WARBY, Simon Medical Genetics Centre for Molecular Medicine & Therapeutics (BC) HAYDEN, Michael R | Regulation of huntingtin phosphorylation by akt and BDNF and its role in huntington disease |
| WATSON, Lindsay Pathology and Molecular Medicine McMaster University AUSTIN, Richard | Inhibition of tissue factor procoagulant activity by the 78-kDa glucose-regulated protein (GRP78) |

| Name Department Institution Supervisor | Title |
|---|---|
| WILKINSON, Sarah Brianne Kinesiology McMaster University PHILLIPS, Stuart M | Mechanisms underlying contractile and nutritional influences on human muscle protein turnover |
| WONG, Suzy-Lai Health Studies University of Waterloo (Ontario) CAMERON, Roy | Development of the school health profile for the investigation of physical activity and dietary behaviour in Canadian youth |