



Results of the 01/10/2005 200510MFE CIHR Fellowship

Updated: 25/04/2006

Name Department Institution	Title
<p>AMIEZ, Céline Neurology and Neurosurgery Montreal Neurological Institute PETRIDES, Michael</p>	<p>Role of the dorsolateral prefrontal cortex in serial-order memory</p>
<p>ARSENAULT, Julie Pathology and Microbiology Université de Montréal MICHEL, Pascal</p>	<p>Épidémiologie spatiale et temporelle des risques pour la santé publique liés aux gastro-entérites zoonotiques au Canada</p>
<p>BAGSHAW, Sean M Critical Care Medicine University of Melbourne (Australia) BELLOMO, Rinaldo</p>	<p>The effect of N-acetylcysteine on renal function after cardiopulmonary bypass</p>
<p>BAKAL, Christopher J Genetics Harvard Medical School (Cambridge, Massachusetts) PERRIMON, Norbert</p>	<p>Functional analysis of cell migration in Drosophila</p>
<p>BEAZELY, Michael A Physiology University of Toronto MACDONALD, John F</p>	<p>PDGF receptors inhibit NMDA signaling by altering the neuronal cytoskeleton</p>
<p>BENARD, Claire Y Biochemistry and Molecular Biophysics Columbia University (New York) HOBERT, Oliver</p>	<p>Maintenance of the nervous system architecture in C. elegans</p>



Name Department Institution	Title
BHARDWAJ, Ratan D Karolinska Hospital (Sweden) FRISEN, Jonas	Understanding adult human cellular turnover within the brain, heart, and pancreas under normal and pathological conditions
BIERNASKIE, Jeffrey A Developmental Biology Hospital for Sick Children (Toronto) MILLER, Freda D	Skin-derived precursors: An autologous source of myelinating cells for nervous system injury
BOUCARD, Antony J Neurosciences University of Texas Southwestern Medical Center SUDHOF, Thomas	Alternative splicing of neuroligins: A new tool to study the modulation of synapse formation
BOUCHER, Yan Massachusetts Institute of Technology POLZ, Martin F	Investigating the contribution of integrons to the genomic diversity of vibrio cholerae
BROWNSTEIN, John S Pediatrics Children's Hospital (Boston) MANDL, Kenneth D	Using evidence from an advanced surveillance system to develop influenza vaccine policy targeting children
BUSHEY, Daniel B Psychiatry University of Wisconsin CIRELLI, Chiara	Characterizing sleep mutants in <i>Drosophila melanogaster</i>
CENI, Claire E Neurology and Neurosurgery Montreal Neurological Institute BARKER, Philip A	The role of NRH2, a p75NTR-related receptor, in neuronal growth inhibition



Name Department Institution	Title
CHANG, Michael Swiss Inst. for Exptl. Cancer Research (Lausanne) LINGNER, Joachim F	Identification of factors that regulate in vivo the extent of telomere elongation in <i>Saccharomyces cerevisiae</i>
CHOUINARD, Philippe A Psychology University of Western Ontario GOODALE, Melvyn A	Role of the ventral "perception" and dorsal "action" streams during object lifting
COUTURE, Jean-François Biological Chemistry University of Michigan (Ann Arbor) TRIEVEL, Raymond	Structural and functional studies of two cancer related histone methyltransferases : SET1/MLL and EZH2
DEONI, Sean Neurology and Neurosciences King's College London (UK) WILLIAMS, Steven C	Investigation of fasciculi-specific changes in intrinsic MRI and DT- MRI parameters in autism
DHAMI, Gurpreet Physiology Hospital for Sick Children (Toronto) SALTER, Michael W	P2Y1 and P2Y2 receptors in signaling and plasticity in the spinal cord
DI LELLO, Paola Biochimie Université de Montréal OMICHSKI, James G	NMR structural studies of the interaction between the tumour suppressor protein p53 and the CREB-binding protein (CBP)
EMBERLEY, Ethan D California Institute of Technology (Pasadena) DESHAIES, Raymond J	Effect of substrate binding on SCF ubiquitin ligase activity



Name Department Institution	Title
FAN, Yanli Medicine Brigham and Women's Hospital (Boston) MAAS, Richard	Molecular function of eyal in early kidney development
FEUK, Lars Hospital for Sick Children (Toronto) SCHERER, Stephen W	Analysis of structural genetic variation in autism patients
FISH, Jason E Gladstone Foundation Labs (California) SRIVASTAVA, Deepak	The role of microRNAs in regulating endothelial gene expression
GALLAGHER, Anne Psychologie Université de Montréal LASSONDE, Maryse	Nouvelles techniques non invasives d'investigation de latéralisation du langage chez des enfants épileptiques à l'aide de l'imagerie optique et de l'électrophysiologie à haute densité
GALLAGHER, Clare N University of Cambridge (UK) HUTCHINSON, Peter J	Metabolic uncoupling after traumatic brain injury
GARNETT, Mathew J Oncology University of Cambridge (UK) VENKITARAMAN, Ashok	The role of HMG20b in cytokinesis and the maintenance of genomic stability
GARNIS, Cathie Biological Sciences Massachusetts Institute of Technology SHARP, Phillip A	Investigating the role of CD44 spliceforms in cancer invasion and metastasis



Name Department Institution	Title
GILLIS, Doris E University of Nottingham (UK) MURPHY, Elizabeth	Exploring dimensions of health literacy: A case study of interventions to promote and support breastfeeding
GRITSENKO, Valeriya Physiologie Université de Montréal KALASKA, John F	Forward models and online correction during visually-guided movements
HAINES, Jennifer Children's Hospital (Boston) AUSTIN, S. B	Risk and protective factors in weight-related disorders
HERVOUET, Severine Psychosocial Oncology and Palliative Care Centre de recherche de L'Hôtel-Dieu de Québec SAVARD, Josée	Rôle de l'hormonothérapie dans le développement des symptômes dépressifs chez des hommes atteints d'un cancer de la prostate: Une étude longitudinale
HUSSAIN, Muhammad S Medicine University of Alberta Hospital (Edmonton) SHUAIB, Ashfaq	Magnetic resonance imaging of brain sodium in acute stroke patients
JHEON, Andrew H Orthopedic Surgery University of California (San Francisco) SCHNEIDER, Richard A	Exploiting stem cells as a means to elucidate and manipulate molecular mechanisms of craniofacial bone development
JIANG, Dawei Children's Hospital (Boston) CLAPHAM, David E	Molecular characterization of the vanilloid type TRP channels regulations and their role in neuron functions



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<p>JOHNSON, Sindhu R Population Health Sciences University of Toronto FELDMAN, Brian M</p>	<p>Estimating treatment effects for rare diseases using observational data. A fully Bayesian analysis of warfarin in scleroderma associated pulmonary hypertension</p>
<p>LAPLANTE, François Salk Institute for Biological Studies (San Diego) SAWCHENKO, Paul E</p>	<p>Corticotropin-releasing factor signaling in the central nucleus of the amygdala</p>
<p>LEVESQUE, Eric Pharmacy Centre hospitalier de l'Université Laval (Québec) GUILLEMETTE, Chantal</p>	<p>A study of molecular determinants of mycophenolate mofetil (MMF) response in hematopoietic stem cell transplant (HSCT) recipients</p>
<p>LÓPEZ VALES, Rubèn Neurology The Res. Inst. of the McGill University Health Ctr DAVID, Samuel</p>	<p>Role of phospholipase A2 (PLA2) in spinal cord injury</p>
<p>MACLAREN, Jill E Pediatrics IWK Health Centre (Halifax) CHAMBERS, Christine T</p>	<p>Evaluation of the translation of evidence-based pediatric procedural pain management strategies into clinical care: Identification of practice disparities and barriers to implementation</p>
<p>MARSHALL, Christopher B Medical Biophysics Ontario Cancer Institute (Toronto) IKURA, Mitsuhiro</p>	<p>Molecular mechanisms of mTOR signaling: Structure and biochemistry of the TOR kinase domain and the activators rheb and gbetaL</p>
<p>MCMANUS, Kirk J University of British Columbia HIETER, Philip A</p>	<p>Utilizing yeast and mammalian strategies to determine the molecular basis for chromosome instability in cancer</p>



Name Department Institution	Title
MILLER, Caroline University of California (San Diego) STRATHDEE, Steffanie A	Influence of violence on risk for blood borne disease transmission among injecting drug users in tijuana, Mexico: Implications for structural interventions
MILLS, Edward J Community Medicine University of Toronto UPSHUR, Ross E	Pre-exposure prophylaxis tenofovir for prevention of HIV infection: A policy analysis of the trials that stopped early
MISQUITTA-ALI, Christine M Medical Research University of Toronto BLENCOWE, Benjamin J	Analysis of the global regulation of alternative splicing using custom microarrays
MOODY, Jennifer Lunds Universitet (Sweden) KARLSSON, Stefan	Studies on alternative TGF-beta superfamily components: Defining roles for BMP-mediated smad signaling and endoglin in hematopoietic stem cell fate
NECULAI, Ana Mirela Hospital for Sick Children (Toronto) HOWELL, Patricia L	Biosynthesis of Pseudomonas aeruginosa alginate
NEUDECKER, Philipp B Medical Genetics & Microbiology University of Toronto KAY, Lewis E	NMR relaxation dispersion experiments for structural biology of excited protein states
NEWTON, Mandi S Nursing Research University of Alberta ESTABROOKS, Carole Anne	Examining knowledge transfer in the context of mental health care



Name Department Institution	Title
<p>NORMAN, Maarit U Physiology and Biophysics University of Calgary KUBES, Paul</p>	<p>Mechanisms of T lymphocyte recruitment into inflamed skin</p>
<p>OZDAMAR, Barish Cell Biology Hospital for Sick Children (Toronto) GRINSTEIN, Sergio</p>	<p>Characterization of the molecular mechanisms of macrophage function and cholesterol-induced foam cell formation during atherosclerosis</p>
<p>PARENT, Eric Physical Therapy University of Utah (Salt Lake City) FRITZ, Julie M</p>	<p>Validating prediction rules to identify responders to McKenzie exercises or manipulation, and examination of the mechanism underlying treatment effectiveness using MRI. A randomized trial with guideline-based care as control in persons with low back pain</p>
<p>PETTERSEN, Jacqueline A Neurology Sunnybrook and Women's College Health Sciences Ctr BLACK, Sandra E</p>	<p>In vivo characterization of subcortical vascular cognitive impairment using biochemical markers and diffusion tensor imaging</p>
<p>PINAUD, Raphael R Physiology University of Toronto ZHUO, Min</p>	<p>Molecular and physiological roles of FMR1 during experience-dependent plasticity, learning and memory formation</p>
<p>PTASINSKA, Sylwia Nuclear Medicine/Radiobiology Université de Sherbrooke SANCHE, Léon</p>	<p>Investigations of low energy electron damage to DNA for applications in radiotherapy</p>
<p>QU, Huiqi Human Health Research Center McGill University POLYCHRONAKOS, Constantin</p>	<p>High throughput study of the translational effect of human single nucleotide polymorphisms (SNPs)</p>



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RAZMJOU, Helen Institute of Medical Sciences Sunnybrook and Women's College Health Sciences Ctr RICHARDS, Robin R	Gender differences in patients undergoing shoulder surgery: Comparison of quality of life, pathology, expectations, and satisfaction at baseline and six months following rotator cuff surgery
SAEY, Didier Undetermined DECRAMER, Marc	Étude des facteurs limitant la réponse à l'entraînement physique dans la maladie pulmonaire obstructive chronique
SALAHPOUR, Ali Cell Biology Duke University (North Carolina) CARON, Marc G	The influence of the dopamine transporter levels on dopaminergic signaling in mouse brain
SALMENA, Leonardo (Memorial Sloan Kettering Cancer Center (New York) PANDOLFI, Pier Paolo	The tumour suppressor role of NUP98
SAMAHA, Anne-Noël Psychiatry Centre for Addiction and Mental Health Foundation KAPUR, Shitij	The contributions of receptor occupancy kinetics to the effects of antipsychotic drugs
SHIH, Andy Yi-An Physics University of California (San Diego) KLEINFELD, David	In vivo real-time imaging of stroke-induced blood brain barrier breakdown and its pathological consequence using two-photon imaging
SMITH, Patrice D Neurobiology Harvard Medical School (Cambridge, Massachusetts) HE, Zhigang	Fate of regenerated axons in the CNS following spinal cord injury



Name Department Institution	Title
<p>SOICHER, Judith E</p> <p>McGill University BOURBEAU, Jean</p>	<p>Physical activity behaviour in chronic disease: The example of chronic obstructive pulmonary disease</p>
<p>SONGOK, Elijah M</p> <p>Medical Microbiology and Infectious Diseases University of Manitoba PLUMMER, Francis A</p>	<p>Gene expression profiles of HIV resistant women and their kindred in a nairobi sex worker cohort</p>
<p>SUTCLIFFE, Siobhan</p> <p>Epidemiology Harvard University (Massachusetts) GIOVANNUCCI, Edward</p>	<p>Sexually transmitted infections in the etiology of prostate cancer and benign prostatic hyperplasia</p>
<p>THEBERGE, Jean</p> <p>Psychiatry McLean Hospital (Massachusetts) RENSHAW, Perry F</p>	<p>Monitoring brain serine levels with magnetic resonance spectroscopy in conjunction with symptoms of schizophrenia during D-serine treatment supplementation</p>
<p>TRAISTER, Alexandra</p> <p>Molecular and Cell Biology Sunnybrook and Women's College Health Sciences Ctr FILMUS, Jorge E</p>	<p>The role of notum in glypican activity and wnt signaling</p>
<p>WANG, Xu</p> <p>University of Georgia (Athens, Georgia) PRESTEGARD, James H</p>	<p>Solution structure of the cancer promoter N-acetylglucosaminyl transferase V, and its interactions with UDP-glcNac and other oligosaccharides</p>
<p>WANNER, Brigitte</p> <p>Université de Montréal VITARO, Frank</p>	<p>Co-occurrence of addictive behaviours in adolescence: Trajectories, childhood predictors, and links to health problems in young adulthood</p>



Name Department Institution	Title
WISLET-GENDEBIEN, Sabine L Centre for Research in Neurodegenerative Diseases University of Toronto TANDON, Anurag	Parkinson's Disease: Chaperones that regulate alpha-synuclein membrane interactions
WU, Long-Jun Physiology University of Toronto ZHUO, Min	Inhibitory synaptic transmission and plasticity in the anterior cingulate cortex of FMR1 knockout mice
YATES, Susan P Biochemistry Queen's University (Kingston, Ontario) JIA, Zongchao	Structural and biochemical characterization of the tumour suppressor protein bin1 and its interaction with the oncogenic protein c-myc