



Cellular and Molecular Biology / Biologie cellulaire et moléculaire

Name / Nom	Research Subject Code / Sujet de recherche			Proposed Doctoral Research Title / Titre de recherche postdoctorale proposée
Campbell, John Lawrence JL	5400	BIOCHEMISTRY	BIOCHIMIE	Quantitation of glycoproteins in cancer cells with novel mass spectrometric and chromatographic technologies
Cloutier, Monikca MC	5000	GENETICS	GÉNÉTIQUE	Caractérisation de la signalisation cellulaire lors du processus de conjugaison chez <i>C. albicans</i>
DeWitte-Orr, Stephanie SJ	5100	CELL BIOLOGY	BIOLOGIE CELLULAIRE	Cloning and characterization of the antiviral protein, dsRNA dependent protein kinase (PKR), in rainbow trout
Doucet, Nicolas N	3113	Biophysics	Biophysique	NMR spectroscopy as tool to study enzyme catalysis
Gibson, Deanna DL	5200	MICROBIOLOGY	MICROBIOLOGIE	Suppression of innate epithelial responses by the Tupe 111 secretion system of AE pathogens
Hill, Christopher CMD	5400	BIOCHEMISTRY	BIOCHIMIE	Characterization of conformational changes induced in alpha-synuclein by small molecules identified as inhibitors of fibrillation using high throughput screening
Hontzeas, Nikos NL	5000	GENETICS	GÉNÉTIQUE	Elucidation of the mechanisms involved in genome wide non-targeted microhomology mediated recombination
Hosea, Heather HJ	5204	Immunology	Immunologie	Establishing the mechanism behind dietary polyunsaturated fatty acid's alteration of T cell function
Mastromonaco, Gabriela GF	5300	MOLECULAR BIOLOGY	BIOLOGIE MOLÉCULAIRE	Influence of nuclear genome on mitochondrial function in interspecies nuclear transfer embryos
Morin Jr, Pier PJ	5300	MOLECULAR BIOLOGY	BIOLOGIE MOLÉCULAIRE	Biological and functional properties of the transcription factor Nrf2
Morley, Krista KL	5400	BIOCHEMISTRY	BIOCHIMIE	Evolution of an enantioselective alkene epoxidase by random mutagenesis of active-site residues
Sarkar, Sara SF	5300	MOLECULAR BIOLOGY	BIOLOGIE MOLÉCULAIRE	Early signalling events in plant-bacterial interactions
Smith, Jeffrey JC	5400	BIOCHEMISTRY	BIOCHIMIE	A Novel Global Phosphoproteomic Mapping Approach and its Application to the Study of the AKT Pathway
Srivastava, Sanjeeva S	5300	MOLECULAR BIOLOGY	BIOLOGIE MOLÉCULAIRE	Understanding the Role of MicroRNAs and Small RNAs in Abiotic Stress Responses