

Appendix 1

SCHOLARSHIPS, FELLOWSHIPS, AND GRANTS

Name of Scholarship, Fellowship, Grant or Award and Source of Funds	Title	Period Held	Total Grant in CDN (number of years*)
NSERC ⁽¹⁾ Discovery Horizons Grant (Awarded)	Oxygen-Dependent Structural Alterations In Extracellular Matrix Synthesized By Cancer-Associated Fibroblasts	05/25-04/30	\$ 250,000 (5)
CIHR Planning and Dissemination Grant ⁽⁵⁾ (Awarded)	12th Meeting Of The Canadian Oxidative Stress Consortium (COSC)	05/25-04/26	\$ 10,000 (1)
Carleton University Research Development Grants (Awarded)	The Crosstalk Between Oxygen Sensing And Tissue Remodelling	05/24-04/25	\$ 10,000 (7)
NRC New Beginnings Initiative (Awarded)	Inside-Out: Understanding atypical expression of intracellular proteins at the cell surface to improve therapeutic development	04/24-09/25	\$ 25,000 (8)
CIHR Planning and Dissemination Grant ⁽⁵⁾ (Awarded)	Tissue Engineering and Applied Materials (TEAM) Hub: Accelerating translation 3D bioprinted tissue models to therapeutics for age-associated and chronic diseases Leila Mostaço-Guidolin and five others	co-applicant 05/23-05-24	\$ 10,000 (1)
NSERC ⁽¹⁾ Research Tools and Instruments (Category 1) Grant (Awarded)	Hypoxic incubators to conduct studies in low oxygen environments	05/23-05/24	\$ 35,156 (1)
NSERC(1) Alliance Grant/Kinectrics Inc. (Awarded)	Developing Forensic Biomarkers for Fish Killed by Cold Shock and Impinged at Nuclear Power Plant Water Cooling Intakes Steven Cooke and two others	co-applicant 05/22-05/23	\$ 60,000 (1)
Internal Award - Carleton University ⁽⁷⁾ (Awarded)	High Resolution Confocal Microscope Carleton University Leila Mostaço-Guidolin and two others	co-applicant 01/22-01/23	\$ 751,994
NSERC ⁽¹⁾ Research Tools and Instruments (Category 1) Grant (Awarded)	Microfluidics high-resolution 3D-bioprinting for a multidisciplinary team Leila Mostaço-Guidolin and two others	co-applicant 05/21-05/22	\$ 150,000 (1)
Carleton University Multidisciplinary Research Catalyst Fund (MRCF)	Multidisciplinary Tissue Engineering Cluster (M-TEC) Leila Mostaço-Guidolin and three others	co-applicant 05/21-05/22	\$ 40,000 (1)
NSERC ⁽¹⁾ Research Tools and Instruments (Category 1) Grant (Awarded)	Hypoxic workstation to conduct studies in low oxygen environments	05/19-05/20	\$ 67,518 (1)
NSERC ⁽¹⁾ Discovery Grant (Awarded)	Signaling cross-talk between endoplasmic reticulum and oxidative stresses	05/17-05/22	\$ 170,000 (5)
Carleton University Research Achievement Award (Awarded)	Development of a BioSensor for the detection of metastasized and circulating breast cancer cells	05/16-04/17	\$ 15,000 (1)
NSERC ⁽¹⁾ Research Tools and Instruments (Category 1) Grant (Awarded)	400 MHz NMR Magnet Sean Barry and seven others	co-applicant 05/15-05/16	\$ 141,475 (1)
NSERC ⁽¹⁾ CRD Grant (Awarded)	Point-of-care fiber optic multifunction platform Jacques Albert and two others	co-applicant 10/14-10/15	\$ 30,000 (1)
NSERC ⁽¹⁾ CREATE Grant (Awarded)	Research in Environmental, Analytical Chemistry and Toxicology (REACT) Laurie Chan and eight others	co-applicant 05/14-05/21	\$ 1,650,000 (6)
NSERC ⁽¹⁾ ENGAGE Grant (Awarded)	Surface Plasmon Resonance -Tilted Fibre Bragg Grating (SPR-TFBG) fibre optic biosensor to detect metastasized cancer cells in cancer patients	11/13-04/14	\$ 25,000 (1)
NSERC ⁽¹⁾ Discovery Grant (Awarded)	Mitochondrial biogenesis and the decline of hypoxia, oxidative stress and toxin tolerance with age	05/12-05/17	\$ 140,000 (5)
Northern Contaminants Project, Aboriginal Affairs and Northern Development Canada (AANDC) (Awarded)	<i>In vivo</i> study of the effects of a Northern contaminant mixture on the development of metabolic and cardiovascular diseases under conditions typifying the diets and lifestyles of Northerners Xiaolei (Dawn) Jin and four others.	co-applicant 09/09-09/11	\$ 233,709 (2)
NSERC ⁽¹⁾ Strategic Grant; Special Capture Fisheries Competition (Awarded)	Increasing the sustainability of multi-sector Pacific salmon fisheries in coastal rivers of British Columbia. Carleton University Steven J. Cooke and four others	co-applicant 09/08-09/11	\$ 587,600 (3)

⁽¹⁾ Natural Science and Engineering Research Council of Canada

⁽³⁾ Canadian Breast Cancer Foundation

⁽⁵⁾ Canadian Institutes of Health Research

⁽⁷⁾ Carleton University

u = unlimited time

⁽²⁾ Canada Foundation for Innovation

⁽⁴⁾ Ministry of Research and Innovation of Ontario

⁽⁶⁾ Ontario Innovation Trust/Ontario Research Fund

⁽⁸⁾ National Research Council

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Chemicals Management Plan (CMP) Fund for Research on Bisphenol A (Awarded)	Investigation of the genomic and nongenomic mechanisms underlying the "low dose effects" of bisphenol A. CMP Research Network, Health Canada Xiaolei (Dawn) Jin and three others	co-applicant 09/08-09/10	\$ 215,000 (3)
NSERC ⁽¹⁾ Research Tools and Instruments (Category 1) Grant (Awarded)	High-throughput fluorescence HPLC detection of low abundance metabolites and functional groups. Carleton University William Willmore and two others	09/08-09/09	\$ 42,782 (1)
CBCF ⁽³⁾ Research Project Grant (Awarded)	Reducing breast cancer risk factors by molecular engineering: the redesign of hormonal supplements. Carleton University James S. Wright and six others	co-applicant 09/07-09/09	\$ 194,000 (2)
NSERC ⁽¹⁾ Discovery Grant (Awarded)	Role of protein hydroxylation in cellular response to hypoxia Carleton University	05/07-05/12	\$ 165,000 (5)
MRI ⁽⁴⁾ Early Researcher Award (Awarded)	Adaptation to low oxygen in cardiovascular disease. Carleton University	09/07-09/12	\$ 150,000 (5)
NSERC ⁽¹⁾ Research Tools and Instruments (Category 1) Grant (Awarded)	Proteomic equipment for profiling nuclear and organellar proteins. Carleton University William Willmore and five others	09/05-09/06	\$ 30,010 (1)
NSERC ⁽¹⁾ Research Tools and Instruments (Category 1) Grant (Awarded)	Core facility for biochemistry and molecular biology. Carleton University Susan Aitken and four others	co-applicant 09/05-09/06	\$ 25,943 (1)
NSERC ⁽¹⁾ Strategic Grant (Awarded) (co-applicant in last year of grant)	Anti-aging effects of novel antioxidants. Carleton University James S. Wright and seven others	co-applicant 09/03-09/04	\$ 151,000 (1)
CFI ⁽²⁾ Infrastructure Operating Fund (Awarded)	Facility for free radical research investigating protein structure/function modification in response to oxygen. Carleton University	05/04-05/09	\$ 56,420 (5)
CIHR ⁽⁵⁾ Institutional Development Grant (Awarded)	The role of Hypoxia-Inducible Factor-1 (HIF-1) in Amyloid Precursor Protein (APP) gene expression. Carleton University	09/02-09/03	\$ 10,000 (1)
NSERC ⁽¹⁾ Discovery Grant (Awarded)	Role of reactive oxygen species in hypoxic signal transduction. Carleton University	09/02-09/07	\$ 165,000 (5)
NSERC ⁽¹⁾ Research Tools and Instruments (Category 1) Grant (Awarded)	Role of reactive oxygen species in hypoxic signal transduction. Carleton University	09/02-09/03	\$ 46,401 (1)
CFI ⁽²⁾ New Opportunities Grant (Awarded)	Facility for free radical research investigating protein structure/function modification in response to oxygen. Carleton University	05/02-05/03	\$ 188,068 (1)
OIT/ORF ⁽⁶⁾ New Opportunities Grant (Awarded)	Facility for free radical research investigating protein structure/function modification in response to oxygen. Carleton University	07/02-07/03	\$ 188,069 (1)
Carleton University Startup Funds (Awarded)	Hypoxic inhibition of protein prolyl hydroxylation. Carleton University	01/02-present	\$ 40,000 (u)
CIHR ⁽⁵⁾ Postdoctoral Fellowship (Awarded) (declined after first year)	Regulation of hypoxia-induced gene expression by reactive oxygen species. Harvard Medical School, Boston, MA	04/00-12/01	\$ 38,500 (1)
NSERC ⁽¹⁾ Postgraduate Scholarship B (Awarded)	Enzyme function and gene expression in hypoxic survival of hibernating turtles. Carleton University	04/94-04/96	\$ 34,800 (2)
NSERC ⁽¹⁾ Postgraduate Scholarship A (Awarded)	Enzyme function and gene expression in hypoxic survival of hibernating turtles. Carleton University	04/92-04/94	\$ 30,000 (2)

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NSERC ⁽¹⁾ Undergraduate Student Research Award (Awarded)	Role of aldosterone receptors in pinnaped hyponatremia. University of Guelph	04/90-08/90	\$ 3,000 (1)
NSERC ⁽¹⁾ Undergraduate Student Research Award (Awarded)	Role of aldosterone receptors in pinnaped hyponatremia. University of Guelph	04/89-08/89	\$ 3,000 (1)

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