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2019-2020 Annual Research Competition- Funding Decisions

DOCTORAL AND MASTER'S STUDENTSHIPS

The MS Society of Canada is pleased to announce the funding decisions for the applications submitted to the 2019-2020 Annual Research Competition. Doctoral Studentship applicants will receive \$22,000 for one year. Doctoral Studentship applicants that hold an MD degree receive \$50,500 for one year. Master Studentship applicants will receive \$20,000 for one year.

In total, **24 Doctoral Studentships** and **7 Master's Studentship** have been awarded as follows (listed in alphabetical order):

Doctoral Studentships

NAME	INSTITUTION	PROJECT TITLE
Jessica Allanach	University of British Columbia	A humanized mouse model of MS to study EBV infection in disease
Stephanie Blandford	Memorial University of Newfoundland	Investigating exosomal microRNAs as functionally relevant disease biomarkers in MS
Ana Carmena Moratalla	Centre de Recherche du CHUM	The role of NKG2D in multiple sclerosis.
Marc Charabati	Centre de Recherche du CHUM	MCAM+ cells contribute to the development of MS and predict its progression
Daryan Chitsaz	Montreal Neurological Institut - McGill	A novel microengineered culture system to study myelin regulation and identify remyelination therapies
Marie-Laure Clénet	Centre de Recherche du CHUM	Impact of IL-27 on T cells from Multiple Sclerosis patients
Elisea De Somma	York University	Cerebellar White Matter Microstructure as a Predictor of Cognitive Outcomes in Pediatric-Onset Multiple Sclerosis
Sienna Drake	Montreal Neurological Institut – McGill	Epigenetic Mechanisms of Neuroinflammation
Naomi Fettig	The University of British Columbia	The role of gut microbiome and Epstein-Barr virus infection in the development of multiple sclerosis
Dylan Galloway	Memorial University of Newfoundland	Exploring the clinical and functional significance of altered MiR-223 expression in Multiple Sclerosis and its animal models

To be a leader in finding a cure for multiple sclerosis and enabling people affected by MS to enhance their quality of life.

Founding member of the Multiple Sclerosis Society International Foundation

NAME	INSTITUTION	PROJECT TITLE
Elizabeth Gowing	Centre de Recherche du CHUM	The role of integrin alpha8 in multiple sclerosis
Camille Grasmuck	Centre hospitalier de l'université de Montréal	Interactions of various B cell subsets with the CNS barriers in multiple sclerosis
Jesse Huang	Karolinska Institutet	Host genetic influence on humoral immunity to viral infections and its role in multiple sclerosis and progressive multifocal leukoencephalopathy
Hélène Jamann	Centre de Recherche du CHUM	Targeting molecular mechanisms underlying Th17 cell/oligodendrocyte interactions for neuroprotection in MS
Junseok Kim	University of Toronto	Investigating the neuronal oscillatory properties of the dynamic pain connectome in chronic pain patients with MS: A magnetoencephalography study
Hanwen Liu	University of British Columbia	Diffusely abnormal white matter in different MS phenotypes: impact on myelin, axons and brain volume
Wei-Qiao Liu (MD)	University of Calgary	Pilot trial of Domperidone for remyelination in Multiple Sclerosis
Ali Mirza	Vancouver Hospital & Health Sciences Centre	Assessing the functional capacity of the Gut Microbiome in Pediatric MS
Julia Segal	Queen's University	Neuroimmune mechanisms underlying circadian control of pain in experimental autoimmune encephalomyelitis
Yodit Tesfagiorgis	University of Western Ontario	Identifying pathogenic B cells in an animal model of central nervous system autoimmunity and determining their susceptibility to therapeutic depletion
Kevin Thorburn	University of Alberta	Development and characterization of animal models to study MS-related trigeminal neuralgia
Alexandra Tremblay	Université du Québec à Montréal	Aging and cognition in Multiple Sclerosis: the role of cognitive reserve
Anran Wang	University of Toronto	Characterizing the Localization and Survival of Meningeal IgA-Antibody Secreting Plasma Cells in Experimental Autoimmune Encephalomyelitis
Darrin Wijeyaratnam	University of Ottawa	From motor command to performance: Training upper limb sensory, motor and cognitive function in individuals affected by multiple sclerosis

Master's Studentships

NAME	INSTITUTION	PROJECT TITLE
Tracy Fabri	York University	Memory and Social Cognition in Pediatric-Onset Multiple Sclerosis
Timothy Friedman	University of Alberta	miRNA in EAE-related pain: a new perspective on post-transcriptional regulation
Riyeon Kim	The Hospital for Sick Children	Evaluating relationships between structural and functional visual pathway abnormalities in youth with demyelination: Visual evoked cortical magnetic responses and Optical Coherence Tomography (OCT)
Marco Law	The University of British Columbia	Using Artificial Intelligence to Predict Clinical Progression in Multiple Sclerosis using Brain MRIs
Yun Hsuan (Elena) Lin	Montreal Neurological Institute, McGill University	Metabolic Control of Human Macrophage-Mediated Myelin Phagocytosis: Implications for MS
Victoria Mamane	Centre de recherche du CHUM	Immunological impact of dietary methionine restriction in preclinical models of multiple sclerosis
Jennifer Sebali	Centre de recherche du CHUM	The role of Melanoma Cell Adhesion Molecule (MCAM) in Regulatory T cell migration over CNS barriers in Multiple Sclerosis