

2023-2024 Annual Research Competition- Funding Decisions

POSTDOCTORAL FELLOWSHIPS

MS Canada is pleased to announce the funding decisions for the applications submitted to the 2023-2024 Annual Research Competition. The value of each approved Postdoctoral Fellowship award is \$41,000 for PhD and \$50,500 for MD for one year.

In total, **18 Postdoctoral Fellowships** have been awarded as follows (listed in alphabetical order):

Name	Institution	Project Title
Dr. Aurélie Brécier	Queen's University at Kingston	Circadian rhythms regulate chronic pain in EAE at the cellular and behavioural levels
Dr. Marc Charabati	Brigham and Women's Hospital, Harvard University	Repurposing Miglustat to Modulate Astrocyte and Microglia Pathogenicity & Treat Progressive Multiple Sclerosis
Dr. Arthur Ribeiro de Abreu Chaves	University of Ottawa	Synergetic effects of Aerobic Exercise Paired with Non-Invasive Brain Stimulation to Prime Neuroplasticity in Multiple Sclerosis
Dr. Anibal Sebastian Chertcoff	University of Toronto	Psychiatric morbidity in MS during the prodromal period (Psych-MS)
Dr. Brendan Cordeiro	St. Michael's Hospital	Sex differences in the effect of obesity on adaptive immunity in a model of multiple sclerosis
Dr. Haritha Desu	Centre de Recherche du Centre Hospitalier de l'Université de Montréal	Identifying mechanisms underlying T cell/oligodendrocyte interactions in MS: investigation into oligodendroglial ICAM-1 as a target for neuroprotection
Dr. Rianne Petra Gorter	The University of Calgary	Preventing microglia from 'going over the edge': the role of extracellular matrix proteins in iron rim lesion expansion
Dr. Leah Shan Hohman	University of British Columbia	Age-related impacts of the intestinal microbiota on multiple sclerosis: defining mechanisms of neurodegeneration
Dr. Rajiv Jain	The University of Calgary	Identifying pathogenic B cell subsets and their mechanisms in multiple sclerosis lesions

Dr. Hania Kebir	University of Pennsylvania, Philadelphia, PA	Immunotherapy to target meningeal B cells in a model of progressive-like multiple sclerosis
Dr. Sarah-Jane Martin	St. Michael's Hospital	Blood biomarkers at the earliest potential point of multiple sclerosis - Radiologically isolated syndrome
Dr. Katie Mayne	University of British Columbia	NPAS4 and ARNT2 as mediators of neuroprotection and regeneration following immune-mediated demyelination as relevant to MS
Dr. Niall Pollock	University of Alberta	Identifying and understanding the genetic mechanisms behind pyroptosis in progressive multiple sclerosis
Dr. Simon Thebault	University of Pennsylvania, Philadelphia, PA	Comparative study of immune reconstitution phenotypic and functional profiles following immune depleting therapies for multiple sclerosis
Dr. Ashleigh Willis	University of British Columbia	Neural stem cell-mediated myelin repair: a potential positive role for microglial ligands
Dr. Moein Yaqubi	Montreal Neurological Institute and Hospital	Advanced multi-omics single cell analysis of human ventricular/subventricular brain in multiple sclerosis
Dr. Paul Yejong Yoo	The Hospital for Sick Children	Participation, Environment, and Key Clinical and Health Outcomes in Children with Multiple Sclerosis
Dr. Bettina Zierfuss	Centre de Recherche du Centre Hospitalier de l'Université de Montréal	Targeting mannose receptor C type 2 on encephalitogenic leukocytes in multiple sclerosis