EARLY-CAREER INVESTIGATORS CURRENTLY FUNDED BY BRAIN CANADA AND THE AZRIELI FOUNDATION

Francis Bambico, PhD	A new minimally invasive way to stimulate specific neurons to treat brain disorders.
Jason R. Plemel, PhD	Do the brain's own immune cells make multiple sclerosis worse?
Matthew Parsons, PhD	How do brain cells communicate, and why do some cells stop talking to one another?
Sébastien Talbot, PhD	Harnessing the interplay between the nervous and immune systems to fight cancer.
Jillian L. Stobart, PhD	Understanding novel cells that control blood flow in the brain.
Hamed S. Najafabadi, PhD	What controls the unplanned degradation of gene products in the brain cells of Alzheimer's patients?
Maxime W.C. Rousseaux, PhD	Vulnerability of the relay stations between brain cells and their role in neurodevelopmental disorders.
Stuart Trenholm, PhD	Restoring natural vision using light-sensitive gates to control cells in the retina.
Jonathan R. Epp, PhD	Do enriched life experiences influence our brain networks and their resistance to disease and decline?
Adrien Peyrache, PhD	Do brain cells that put the brakes on other brain cells play a role in human epilepsy?

"Most funding opportunities require the applicant to show a significant amount of preliminary data that support the hypothesis of the project. This requirement makes it difficult for a new lab to explore new territory and take risks – risks that often times lead to great discoveries. The Early-Career Capacity Building Grant will enable my lab to think outside the box when researching brain cell communication in neurodegenerative disease, and provides the perfect complement to our research that is funded through more conventional funding opportunities."

– Matthew Parsons, PhD
researcher at Memorial University of Newfoundland