



McGill

Department of
Microbiology and
Immunology

Département
de microbiologie
et d'immunologie



1821-2021

Postdoctoral position Host/microbe interactions in Parkinson's Disease

Project Description

We are searching for a postdoc to join our well-funded multidisciplinary project that explores the roles of infection, inflammation, and the microbiome in mouse and cellular models of Parkinson's Disease. Our project will identify how alterations in the function of Parkinson's disease related proteins modulate the immune system and the pathological process leading to motor impairments, as well as key cellular processes that can be targeted for therapeutic intervention. We are particularly interested in the role of the gut-brain axis. For more information see: <https://parkinsonsroadmap.org/research-network/neuro-immune-interactions/>

Qualifications / Required Skills

The ideal candidate for this position is passionate about science and holds a Ph.D. in microbiology or a related field with expertise in bacterial manipulation, microbiome studies and/or mouse infection models. Background in intestinal biology is also an asset. The candidate must have excellent communication skills and be able to work both independently and as an effective member of a highly collaborative multidisciplinary team.

Additional Information

Our lab is located in the Bellini pavilion of the McGill Life Sciences complex. Applicants should submit by e-mail their curriculum vitae, a brief statement of interest, and names and contact information of three references to Samantha Gruenheid (samantha.gruenheid@mcgill.ca). The position is available immediately or with a start date any time before September 2022.

Salary: Competitive and commensurate with experience and expertise.