

Postdoctoral position in genetics of Parkinson's disease – Gan-Or lab

A postdoctoral position in the genetic basis underlying REM sleep behavior disorder and Parkinson's disease, is available at McGill University, Montreal, Canada with Dr. Ziv Gan-Or.

Research in the Gan-Or lab focuses on the genetic basis on neurological disorders, including REM-sleep behavior disorder, Parkinson's disease, hereditary spastic paraplegia and restless legs syndrome. We use advanced genetic methods such as whole-genome, whole-exome and targeted next generation sequencing, genome-wide association studies, RNA sequencing and others in order to identify new genes, genetic modifiers and risk factors for these disorders. We will further study the molecular biology of these genes in human based cellular models (iPSCs, neurons, organoids etc.) with various collaborators. Another major topic of interest is how genetics can be used for stratification towards clinical trials in neurology.

We are seeking a highly motivated applicant with a PhD in either genetics, neuroscience or statistics. Experience in advanced data analysis and genetic methods is highly desirable. The successful candidate will lead their own, high impact projects, based on existing data as well as new data that will be generated.

Interested candidates should send their CV, a brief statement of research interests and contact information for 3 references to Dr. Gan-Or at ziv.gan-or@mcgill.ca.