

Postdoctoral Fellow

Epigenetics of Asthma

Lady Davis Institute for Medical Research, Montreal, QC, Canada & McGill University, Montreal, QC Canada

We have an opening for a Postdoctoral Fellow to work on analysis of epigenetic associations with asthma. The research involves analysis of targeted custom capture bisulfite sequencing data obtained on asthmatic individuals and controls. This position involves the development of strategies to take genetic cis-regulation of DNA methylation into account in the analysis.

The candidate will work primarily in Dr. Celia Greenwood's research group at the Lady Davis Institute in Montreal, but there will be extensive interaction with Dr. Denise Daley's group at the Heart and Lung Institute in Vancouver, BC.

In Montreal, we have an active research group with interest in analytic methods for epigenetic data and other genomic high dimensional data. The candidate will be able to interact with researchers, students and other postdoctoral fellows working in statistical genetics and genetic epidemiology both at the Lady Davis Institute and at McGill University. Local seminars and journal clubs within Montreal will provide excellent opportunities for enlarging knowledge in other areas of high-throughput genetics, genomics and statistics.

Qualifications: A recent PhD in Genetic Epidemiology, Computational Biology, Biostatistics or a related field, as long as the candidate has sophisticated computational skills and experience in some aspect of genomic analysis. Programming experience should include not only R/S-Plus, but also knowledge of shell scripting tools. We are looking for a motivated individual with a desire to develop an independent research agenda.

To apply, send a curriculum vitae, relevant publications, a statement outlining your research interests, and contact information for three referees to Dr. Celia Greenwood, Senior Scientist, Lady Davis Institute for Medical Research. celia.greenwood@mcgill.ca. Applications will be considered until the end of September 2017. This position is funded by a CEEHRC operating grant.