

December 9, 2019

Post-Doctoral Fellow or Bioinformatician position available:

A full time position is available for a post-doctoral research fellow or Bioinformatician at the Hospital for Sick Children, Toronto, Ontario to study the interactions between the human intestinal microbiome, immune responses and autoimmune disease. Successful applicants will take a lead role in the design, execution and analysis of research on the early life microbiome, genetic and environmental risk factors for autoimmune diseases. The successful applicant will be able to apply advanced quantitative analysis to large datasets derived from microbiome sequence, human genetic analysis, immune parameters and clinical metadata from longitudinal cohorts. Assets for this position include familiarity with R / R-Bioconductor, Python, High-dimensional data analysis / dimensional reduction, Machine learning algorithms and Data visualization. The position will provide the successful applicant with opportunities to build complementary skills to those the individual brings to the role.

Strong candidates will have completed or will very shortly complete a Ph.D./D.Phil. in epidemiology, biostatistics, bioinformatics, or a related biological area (e.g. immunology, microbiology) with evidence of skill in multivariate statistics and high-dimensional data analysis. Successful applicants will have displayed recent scholarship as an author of peer-reviewed publications and conference presentations.

Please submit a current CV and cover letter describing your interest in the position, most relevant research activities and a description of your career goals.

[https://career.sickkids.ca:8001/psc/CRPRD/CAREER/HRMS/c/HRS\\_HRAM.HRS\\_APP\\_SCHJOB.GBL?Page=HRS\\_APP\\_SCHJOB&Action=U&FOCUS=Applicant&SiteId=1](https://career.sickkids.ca:8001/psc/CRPRD/CAREER/HRMS/c/HRS_HRAM.HRS_APP_SCHJOB.GBL?Page=HRS_APP_SCHJOB&Action=U&FOCUS=Applicant&SiteId=1)

Telephone or in-person inquiries cannot be received.

The Hospital for Sick Children is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, indigenous/Aboriginal People of North America, persons with disabilities, LGBTQ+ persons, and others who may contribute to the further diversification of ideas. If requested, SickKids is proud to make available accommodations to support applicants with disabilities during the interview and assessment process. Informed by the Accessibility for Ontarians with Disabilities Act (AODA), the Ontario Human Rights Code, and our Access and Accommodation Policy, we will accommodate the needs of all applicants.