

**AMURE JOB POSTING
RESEARCH ASSISTANT**

Position Title:	Research Assistant (Bioinformatics)
Hiring Unit:	Montreal Neurological Institute, Faculty of Medicine
Supervisor:	Dr. Ziv Gan-Or
Work Location:	Ludmer Building, 1033 avenue des Pins Ouest
Hours/Week & Schedule:	40 hours per week
Hourly Wage:	\$31.08 - \$40.80 (\$64,646 - \$86,986) (salary commensurate with experience)
Planned Start Date & End Date:	July 1 st , 2020
Date of Posting: (post for 5 working days minimum)	May 1 st , 2020
Deadline to Apply:	June 30 th , 2020

PRIMARY DUTIES

- Reception and management of High-Throughput Sequencing (HTS) files in a High-Performance Computing (HPC) environment. Assuring integrity, quality control, archiving, security and proper flow of incoming data.
- Primary production of results for HTS projects of PI, other MNI labs and collaborators. Includes management of sufficient compute resources, checking results integrity and quality, generation of statistical reports, timely communicating analysis results to researchers.
- Assistance to the PI and MNI lab members and collaborators for any of their specific HTS analytical needs: can take the form of developing scripts or software for specific needs, identifying and deploying existing software tools, or developing new analytical methods to meet project-specific needs.
- Continuing development, implementation and expansion of HTS bioinformatics analysis pipelines. Continued development of existing tools; addition of new tools and analysis techniques and practices as they become available from the literature and the bioinformatics community at large.
- Participate in bioinformatics meetings and contribute to the definition of priorities and future perspectives/orientations.

EDUCATION/EXPERIENCE

M.Sc. in bioinformatics, informatics, or biological science (+Graduate certificate in bioinformatics) with minimum five (5) years bioinformatics experience.

OTHER QUALIFYING SKILLS & ABILITIES

- Familiarity with the linux command-line environment required.
- Experience in at least one programming language (C++, python, php etc.) is required; proficiency is preferred, multiple languages preferred.
- Solid knowledge of statistics and facility working with R are a very strong asset.
- Prior experience in a HPC environment is an asset.
- Experience with standard bioinformatics tools for sequencing data analysis is preferred.
- Excellent attention to detail, strong organizational skills and the ability to work in a highly interactive environment are necessary.

HOW TO APPLY

Please submit your application to:

Please send your resume and three letters of reference to ziv.gan-or@mcgill.ca

Only candidates under consideration will be contacted

McGill University is committed to equity in employment and diversity. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities, and others who may contribute to further diversification.