Indigenous.Link

Canada's fastest growing Indigenous career portal, Careers.Indigenous.Link is pleased to introduce a new approach to job searching for Indigenous Job Seekers of Canada. Careers.Indigenous.Link brings simplicity, value, and functionality to the world of Canadian online job boards.

Through our partnership with Indigenous.Links Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Indigenous Peoples of Canada with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

Corporate Headquarters:
Toll Free Phone: (866) 225-9067
Toll Free Fax: (877) 825-7564
L9 P23 R4074 HWY 596 - Box 109
Keewatin, ON P0X 1C0

Job Board Posting

Careers.Indigenous.Link

Bioinformatician I

Job ID	**45-FB-5E-24-9D-95**
Web Address	https://careers.indigenous.link/viewjob?jobname=45-FB-5E-24-9D-95
Company	Ontario Institute For Cancer Research
Location	Toronto, Ontario
Date Posted	From: 2024-02-13 To: 2024-08-11
Job	Type: Full-time Category: Miscellaneous
Languages	English

Description

The Ontario Institute for Cancer Research (OICR) is seeking a bioinformatician who possesses the relevant training to join the Drug Discovery (DD) Program. The program aims to help efficiently translate discoveries made in Ontario's labs into novel oncology therapies, spanning the entire drug discovery process from target identification and validation to clinical candidate selection. The DD Program is collaborating with OICR's Adaptive Oncology (AO) to develop computational tools to identify and prioritize biological targets and biomarkers. The AO Program seeks to develop knowledge and approaches to monitor cancer over time and in response to treatment, to enable precise and proactive clinical management.
This position is temporary, full-time for one-year, with the possibility of conversion to a permanent position.
The successful candidate will work closely with data scientists and biologists from OICR's Adaptive Oncology and Drug Discovery programs to co-develop novel algorithms/methods and pipelines for target/biomarker discovery. This is an exciting opportunity to learn about the latest developments in drug discovery and the use of various bioinformatic and machine learning approaches in computational biology, while contributing to the development of new treatments for cancer.
While most work is completed remotely, occasionally onsite team meetings or events, where attendance is expected.
OICR is Ontario's cancer research institute. We bring together people from across the province and around the world to improve the lives of everyone affected by cancer. We take on the biggest challenges in cancer research and deliver real-world solutions to find cancer earlier and treat it more effectively. We are committed to helping people living with cancer, as well as future generations, live longer and healthier lives.
Launched in December 2005, OICR is an independent institute funded by the Government of Ontario through the Ministry of Colleges and Universities.

Position responsibilities include:
Design, test, and maintain custom analysis pipelines on local High-Performance Computing (HPC) clusters.
Perform downstream data analysis, including expression, pathway, mutation, and clinical association studies.
Integrate large and diverse datasets from multiple platforms and conduct unified analyses.
Design and develop novel algorithms for drug target prediction.
Automate data processing and generate visual outputs and user-friendly interfaces.
Foster strong collaborations with other programs including Adaptive Oncology at OICR.
Qualifications:
B.Sc. or higher degree in biological sciences, computational biology, or equivalent education or work experience.
Strong knowledge of programming and scripting languages like Perl, R, and Java is required.
Experience in a Unix/Linux environment, and Python, statistical analysis tools (e.g. R) and database programming (e.g. SQL) and Data Analysis Pipeline.
Knowledge of common genomics database (e.g. EGA, dbGAP), expression databases (TCGA/GTEx/CCLE), and protein-protein interaction databases (e.g. STRING/IntAct/Reactome), cell line database (DepMap), and clinical databases.
Knowledge of cancer biology (pathways, mutations, and functional annotation) is beneficial.
Skills in data management and reproducibility including generation, backup and version control.
Excellent communication skills (verbal and written) in a multi-disciplinary team environment.
Ability to work independently (take ownership of assigned tasks) and as a team member.
For more information about OICR, please visit the website at www.oicr.on.ca.
To learn more about working at OICR, visit our career page.
CLOSING DATE: Until Filled
How to Apply
Click "Apply Now" If you are interested in being considered for this position,
OICR is committed to fostering a climate of equity, diversity, inclusion, and accessibility. This commitment is central to, and mutually supportive of, our research excellence mandate. We welcome and respect the diversity of all members of our community and we support an inclusive culture for all. We welcome all applicants, and encourage applications from racialized persons, Indigenous Peoples, women, persons with disabilities, LGBTQ2S persons, and others who may contribute to furthering a diversity of ideas within our community. OICR is committed to fair assessment of a candidate's abilities, and consideration for diversity of thought, method, and experience. Providing an accessible workplace and recruitment process is important to us, as described in our Accessibility Plan (https://oicr.on.ca/accessibility/). Should you require accommodation during any stage in the recruitment process, please complete the form at the bottom of page https://oicr.on.ca/careers/. Information received related to accommodation will be handled confidentially.
The Ontario Institute for Cancer Research thanks all applicants. However, only those under consideration will be contacted.
Resume Format: If you elect to apply, you will need a text or HTML version of your resume so that you can cut and paste it into the application box

provided. Before you submit the completed application, you will be asked to attach one or two files to your application. Please attach your resume as a .pdf or .doc file.