

Institution

CHU de Québec, Université Laval

Location

Québec, Canada

Job description

The bioinformatics laboratory of the research center of the CHU de Québec - Université Laval (CHUL) invites applications of a Bioinformatician position whose main tasks will be dedicated to the analysis of Proteomics data from the Proteomic platform. This full-time fixed term position is for approximately 12 months (based on length of grant funding), with the possibility of extension. The Bioinformatician will report directly to Arnaud Droit, principal investigator and director of the computational biology laboratory. The successful applicant will join an interdisciplinary team focused on developing and applying computational methods in proteomics, but also various other OMICs-type projects. The team uses state-of-the-art applications of high throughput sequencing to analyze patients cohorts, identify biomarker signatures, and identify bacterial sequences that could potentially serve as diagnostic markers. The position will commence as soon as possible. Salary will be commensurate with qualifications and experience.

Summary of Key Responsibilities (job functions include but are not limited to):

- Works closely with the PI and other members of the experimental proteomics laboratory
- The Bioinformatician will support an experimental laboratory team to perform various analysis
- Providing basic assistance to laboratory users in pipeline execution and interpretation of results

Qualifications / Requirements:

- Msc or PhD in a relevant area (Computer science, Bioinformatics)
- Understanding of concepts and principles of molecular biology and proteomics is a plus
- Practiced understanding of how to develop bioinformatics pipelines
- Proficiency with coding in R language
- Fluency with Unix
- Demonstrated expertise in statistical analysis
- Experience with data management and dataset manipulation
- Strong verbal and written communication skills (fluency in French or English is necessary)
- Sense of initiative and ease to communicate actively with participant involved in projects
- Excellent time management skills and the ability to work under pressure
- Demonstrated communication, organization, problem solving, and interpersonal skills
- Demonstrated ability to read, understand and extract knowledge from peer-reviewed scientific literature
- Accurately make computational records and reports

To apply, contact Arnaud Droit:

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