

Research Associate - Bioinformatics

Contact/Scientist: Dr. Michael Rudnicki

Program: Regenerative Medicine

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The Ottawa Hospital Research Institute is the research arm of The Ottawa Hospital and an affiliated institute of the University of Ottawa. With more than 1,700 scientists, clinician investigators, trainees and staff, and total revenues of more than \$100 million, we are one of the foremost Canadian hospital-based research institutes. We are investigating virtually every major disease and condition, with a focus on answering important health questions and translating our findings into benefits for patients and society.

Job Description:

The OHRI has an opening for a full-time Research Associate in the lab of Dr. Michael Rudnicki located at the General Campus of The Ottawa Hospital.

<https://www.ohri.ca/profile/mrudnicki>

<https://www.rudnickilab.ca>

Project description and responsibilities:

The Rudnicki lab is looking for a candidate with expertise in bioinformatics, computer science, biology, mathematics and/or physics, as well as experience and interest in biological questions (particularly genomics) regarding the regulation of gene expression and cell signaling. Expertise in RNAseq, single cell RNA-seq, ATAC-seq, ChIP-seq, proteomic analysis, etc. would be an asset. Our lab is interested in understanding the molecular regulation of stem cell function.

The successful candidate will work with postdoctoral fellows and graduate students in the planning and analyzes of large datasets to address specific biological questions. The successful candidate will be responsible for maintaining and upgrading analyses pipelines that have been previously established according to the lab's needs. There will also be several exciting opportunities to establish new pipelines and analyses methods to address specific biological questions. The postholder will also collaborate in the preparation of research publications and participate in relevant collaborative projects with colleagues in partner institutions. Furthermore, the postholder will provide guidance/supervision and training to junior members of the research group. The postholder will maintain excellent data records.

We are looking for an enthusiastic and pro-active individual, with superior organization and communication skills who enjoys working with biologists, students, and postdoctoral fellows.

Basic Requirements (Education/Experience):

- Master or PhD degree in bioinformatics, computer science, molecular biology, biochemistry, mathematics and/or physics.
- Previous experience in biological data analysis.
- Previous experience in the analysis of genomics data would be an advantage.
- Must be highly motivated
- Possess excellent communication skills
- Detail-oriented and organized
- Strong record of scientific accomplishments, including publications in peer-reviewed journals and scientific presentations
- Must have excellent organizational and interpersonal skills
- Ability to multi-task, work accurately and effectively under pressure, meet deadlines, and remain composed in high-pressure situations

Contract Details:

This is a full-time, 3-year position with the possibility of renewal. This position offers an excellent benefits package and HOOPP pension.

Salary: Min: \$27.967/hr. – Max: \$37.935/hr.

Comments to Applicant:

Please send a **single pdf file** of your cover letter, complete CV with description of research experience and contact information for 3 references to **Sandy Martino** at smartino@ohri.ca

Contact Info:

Sandy Martino at smartino@ohri.ca

We thank all applicants for their interest. However, only those invited for an interview will be contacted. The Ottawa Hospital Research Institute is an equal-opportunity employer. Upon request, accommodations due to a disability are available throughout the selection process.