

Genomics for Precision Oncology

in partnership with BHCRI

 November 3-4, 2025
 Halifax, NS

 \$50+tax before October 13, 2025
 \$100 +tax until October 27, 2025



Course description



This workshop is scheduled to complement Nova Scotia Oncology Research Day and the Beatrice Hunter Cancer Research Institute Conference. The research and healthcare ecosystem in Canada is heading towards precision medicine via genomics. This hands-on workshop introduces participants to the essential concepts, workflows, and interpretation strategies used in cancer genomics. The workshop will focus on applying bioinformatics to real-world oncology cases, with an emphasis on data manipulation, genome annotation, and the interpretation of genomic results as they relate to clinical outcomes.

What will I learn?

By the end of the course, you will be able to:

- Describe the key steps in a clinical bioinformatics workflow;
- Describe the purpose and best practices of the GATK toolkit;
- Identify and distinguish between common genomic file formats;
- Perform basic data manipulation and quality control;
- Compare and contrast variant calling strategies, and;
- Apply interpretation strategies to real-world case studies.



Learn more and apply at
bioinformatics.ca