



# 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

 In-person event  
 Awards available

## 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.



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