

2025 Workshop Program

Canadian Bioinformatics Workshop Series

REGISTRATION AWARDS AVAILABLE

Infectious Disease Genomic Epidemiology



Microbial Genomics

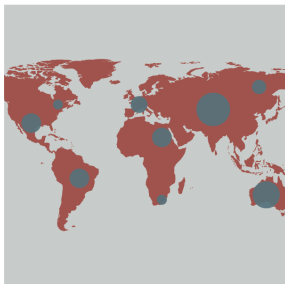
Date: May 1-3, 2025

Location: Hamilton, Ontario AND virtual

Infectious Disease Genomic Epidemiology

Date: May 5-7, 2025

Location: Hamilton, Ontario AND virtual



Course Description

These two workshops can be taken together or separately.

Over the course of **both** Infectious Disease Genomic Epidemiology and Microbial Genomics, participants will gain practical experience and skills to be able to:

- Understand high-throughput sequencing (HTS) platforms as applied to pathogen genomics and metagenomics sequencing
- Understand the value of data sharing and data curation in pathogen surveillance
- Analyze HTS data for pathogen surveillance and outbreak investigations
- Analyze antimicrobial resistance genes
- Detect emerging pathogens in metagenomics data
- Perform phylodynamic analysis
- Use different visualization tools for genomic epidemiology analysis

Sponsors



For registration details
visit our website:
www.bioinformatics.ca