

2023 Workshop Program

Canadian Bioinformatics Workshop Series

REGISTRATION AWARDS AVAILABLE

Infectious Disease Genomic Epidemiology



Date

April 18-21, 2023 - Online

Faculty

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Course Objectives

With increasing adoption of high-throughput sequencing technologies to infectious disease surveillance and outbreak investigations, genomic epidemiology (combining pathogen genomics data with epidemiological investigations to track the spread of infectious diseases) is poised to change the practices of public health and infection controls and provides unprecedented amount of data for pathogen evolution studies.

This 4-day course from CBW provides an introduction to genomic epidemiology analysis followed by hands-on practical tutorials demonstrating the use of selected analysis tools. The tutorials are designed as self-contained units that include example data and detailed instructions for installation of all required bioinformatics tools or access to publicly available web applications.

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