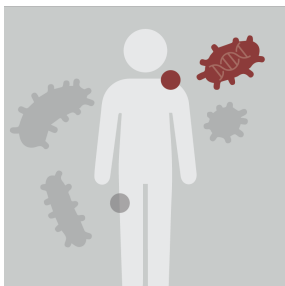


2025 Workshop Program

Canadian Bioinformatics Workshop Series

REGISTRATION AWARDS AVAILABLE

Microbiome Analysis



Beginner Microbiome Analysis

Date: May 26-27, 2025

Location: Vancouver, BC

Course Description

Microbiomics, the study of microbes without first culturing and isolating the organisms, has become the principal approach to exploring the diversity, function and ecology of microbial communities. This 2-day course will provide an introduction to marker-gene analysis with hands-on practical tutorials. Participants will gain practical experience and skills to be able to understand the advantages and limitations of marker gene data analysis, devise an appropriate bioinformatics workflow for processing and analyzing microbiome marker-gene sequence data, and apply appropriate statistics to undertake rigorous data analysis.



Advanced Microbiome Analysis

Date: May 29-30, 2025

Location: Vancouver, BC

Course Description

Participants will gain practical experience and skills to be able to understand the advantages and limitations of metagenomic data analysis, devise an appropriate bioinformatics workflow for processing and analyzing microbiome shotgun metagenomic sequence data, perform both read-based and assembly-based analyses of shotgun metagenomic sequence data, conduct various types of functional annotation and modelling, and apply appropriate statistics to undertake rigorous data analysis.

Sponsors



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