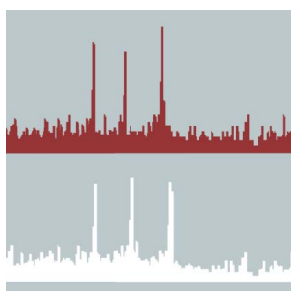


2023 Workshop Program

Canadian Bioinformatics Workshop Series

REGISTRATION AWARDS AVAILABLE

Epigenomics Analysis



Date

October 11-13, 2023 - Online

Faculty

Guillaume Bourque, Martin Hirst, David Bujold

Course Objectives

The CBW has developed a 3-day course providing an introduction to histone chromatin-immunoprecipitated libraries (ChIP-seq) and whole-genome bisulfite sequencing (WGBS) data analysis followed by integrated tutorials demonstrating the use of open source ChIP-Seq and WGBS analysis packages. The tutorials are designed as self-contained units that include example data and detailed instructions for installation of all required bioinformatics tools (FASTQC, BWA, MACS2, samtools, Picard, BisSNP). The course also includes an overview of integrative epigenomic tools that have been developed to explore ChIP-Seq and WGBS data together with other epigenomic datasets such as RNA-seq, DHS-seq and ATAC-seq.

Sponsors



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