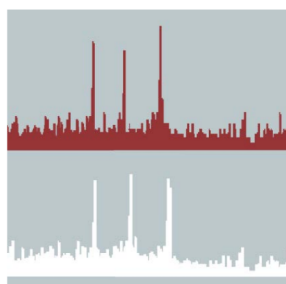


2024 Workshop Program

Canadian Bioinformatics Workshop Series

REGISTRATION AWARDS AVAILABLE

Epigenomics Analysis



Date

August 26-29, 2024 - Vancouver, British Columbia and Montréal, Québec

Faculty

Guillaume Bourque, Martin Hirst, David Bujold, Edmund Su, José Héctor Gálvez López

Course Description

The CBW has developed a 4-day course providing an introduction to histone ChIP-seq and 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



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www.bioinformatics.ca