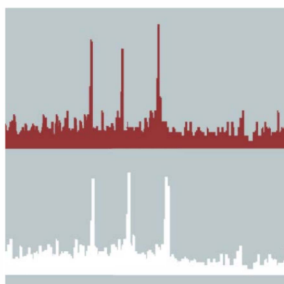![bioinformatics.ca logo — 25 years 1999-2024]

2024 Workshop Program
Canadian Bioinformatics Workshop Series

REGISTRATION AWARDS AVAILABLE

Epigenomics Analysis

Date
August 26-29, 2024 - Online

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.

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