Upcoming ISG CBC Virtual Workshops:

Genome Assembly
April 15-17, 10 AM to 2 PM

Learn key methods for high-throughput sequencing, quality control, and assembly strategies, with a mix of guided instruction and hands-on practice.

Variant Detection
May 20-22, 10 AM to 2 PM

Learn key methods for variant detection, from sequence alignment and quality control to filtering, functional annotation, and visualization, with a mix of guided instruction and hands-on practice.

Genome Annotation
May 27-29, 10 AM to 2 PM

Learn key methods for genome annotation, from high-throughput sequencing and validation to evidence-based annotation with RNA-seq, with a mix of guided instruction and hands-on practice.

Single-Cell Transcriptomics
June 24-26, 10 AM to 2 PM

Learn key techniques for processing single-cell RNA-seq data, from experimental design considerations to clustering and trajectory analysis, with a mix of guided instruction and hands-on practice.

RNA-seq Analysis (with reference genome and annotation)
July 29-31, 10 AM to 2 PM

Learn key methods for gene expression analysis, from experimental design and sequencing to differential expression and gene set enrichment, with a mix of guided instruction and hands-on practice.

ChIP-Seq/ATAC-Seq
Aug. 19-21, 10 AM to 2 PM

Learn key methods for analyzing DNA-protein interactions and chromatin accessibility, from ChIP-seq and ATAC-seq data processing to interpretation, with a mix of guided instruction and hands-on practice.

Register Today!