

Early Registration Fee
\$475 + tax

Late Registration Fee
is an additional \$200

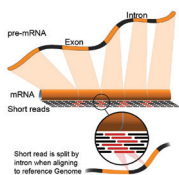
Limited to 30 participants
per workshop

 bioinformatics.ca

Canadian Bioinformatics Workshop Series

Awards available for CBW workshops

Informatics for RNA-seq Analysis



Date

June 16-17, 2016 - Downtown Toronto, Ontario

Faculty

Malachi Griffith and Obi Griffith

Course Objectives

High-throughput sequencing of RNA libraries (RNA-seq) has become increasingly common and largely supplanted gene microarrays for transcriptome profiling. When processed appropriately, RNA-seq data has the potential to provide a considerably more detailed view of the transcriptome. The CBW has developed a **two-day workshop** providing an introduction to RNA-seq data analysis followed by integrated tutorials demonstrating the use of popular RNA-seq analysis packages. The tutorials are designed as self-contained units that include example data (Illumina paired-end RNA-seq data) and detailed instructions for installation of all required bioinformatics tools (TopHat, Cufflinks, etc.).

Participants will gain practical experience and skills to be able to:

- Align RNA-seq data to a reference genome (required);
- Estimate known gene and transcript expression;
- Perform differential expression analysis;
- Discover novel isoforms;
- Visualize and summarize the output of RNA-seq analyses.

Sponsored by:



For information send an email to:
course_info@bioinformatics.ca

For course requirements and to apply
visit: bioinformatics.ca