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Canadian Bioinformatics Workshops

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RNA-Seq Module 4
Alignment Free Expression Estimation (lecture)

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Informatics for RNA-seq Analysis

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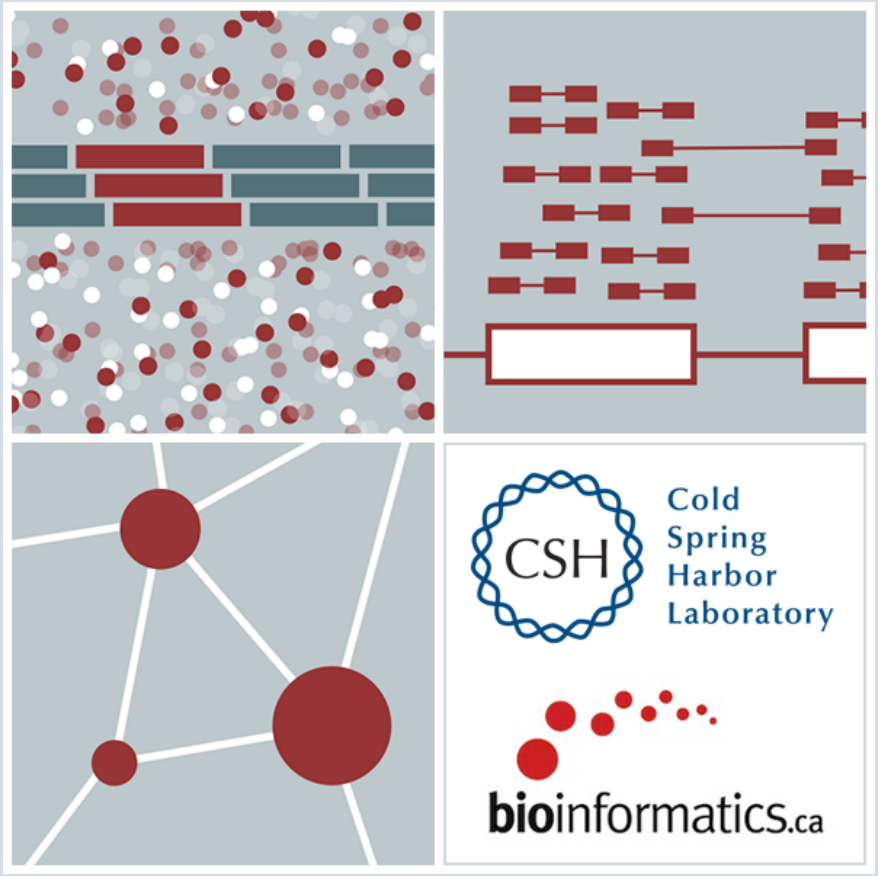

THE GENOME INSTITUTE at Washington University

Learning objectives of the course

- Module 0: Introduction to Cloud Computing
- Module 1: Introduction to RNA Sequencing
- Module 2: Alignment and Visualization
- Module 3: Expression and Differential Expression
- **Module 4: Alignment Free Expression Estimation**
- Module 5: Isoform Discovery and Alternative Expression

- Tutorials
  - Provide a working example of an RNA-seq analysis pipeline
  - Run in a 'reasonable' amount of time with modest computer resources
  - Self contained, self explanatory, portable

Learning objectives of module 4

We are on a Coffee Break & Networking Session