

The 11th Webinar for Quantitative Genetics Tools for Mapping Trait Variation to Mechanisms, Therapeutics, and Interventions

# Beginner's guide to bulk RNA-Seq Analysis

Friday, February 12th, 2021  
10am PDT/ 11am MDT/ 12pm CDT/ 1pm EDT

Presented by:

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There is no fee associated with this webinar, but users are asked to register to receive the Zoom link and password.

Registration: [http://bit.ly/osga\\_2021-02-12](http://bit.ly/osga_2021-02-12)



## Goals of this webinar:

The use of high throughput short read RNA sequencing has become common place in many scientific laboratories. The analysis tools for quantitating a transcriptome have matured becoming relatively simple to use. The goals of this webinar are:

- To give a general overview of the popular Illumina technology for sequencing RNA.
- To outline several of the key aspects to consider when designing a RNA-Seq study
- To provide guidance on methods and tools for transforming reads to quantitative expression measurements.
- To describe statistical models that are typically used for differential expression and why these specialized models are needed.

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