Introduction to bulk RNA-seq Part II
(Differential Gene Expression and Functional Analysis)

For Harvard researchers affiliated with Harvard Medical School labs on the Quad, the Harvard Stem Cell Institute or the Dana-Farber/Harvard Cancer Center

This online workshop will introduce participants to statistical methods and considerations utilized to perform differential gene expression (DGE) analysis with DESeq2 on bulk RNA-seq data.

Participants will learn how to:

• Evaluate PCA & correlation heatmaps for QC
• Incorporate theory of DGE analysis steps into hands-on workflow
• Visually explore DGE results with expression heatmaps & volcano plots
• Perform functional analysis of the DGE results

The Introduction to R workshop is a pre-requisite!

Please check link below for eligibility requirements.

December 3rd, 7th, 10th & 14th, 2021
(10 AM - 12 PM, all days)

More information & registration link at: Intro to Bulkstats Part II (DGE)

Registration fee: $50

Workshop Location: Online (Zoom)

Sponsored by Harvard Medical School’s Foundry, the Harvard Stem Cell Institute (HSCI) & Dana-Farber/Harvard Cancer Center (DF/HCC)