Computational Biology Core
INSTITUTE FOR SYSTEMS GENOMICS
UNIVERSITY OF CONNECTICUT

Virtual Workshop: RNA-seq Analysis

Nov. 9, 16, + 30

10:00am - 2:00pm EST

NEW FORMAT - PAY PER MODULE

Experimental design, high throughput sequencing basics, quality control, alignment to a reference genome, differential expression analysis, and gene ontology / gene set enrichment. Tools presented are appropriate for researchers working in systems with a reference genome.

Nov. 9: Module 1 - RNA-seq data quality assessment, trimming, and decontamination

Nov. 16: Module 2 - Read mapping, alignment quality control, and counts generation

Nov. 30: Module 3 - Differential expression and functional enrichment analyses

- Live sessions on MS Teams, recordings distributed
- No prior bioinformatics experience needed!

REGISTER:

https://bioinformatics.uconn.edu/cbc-workshops/