

# *Virtual Workshop:* Single Cell RNA-seq

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June 23-25, 2026

10:00am - 2:00pm EST

Understanding experimental design considerations for single-cell RNA-seq experiments, converting raw sequencing data into count or expression matrices, dataset quality control, clustering cells (UMAP, t-SNE), identifying cluster-specific markers and annotating cell types, integrating datasets across conditions, and performing trajectory analysis to study cell differentiation.



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

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**Register Today:**

[https://bioinformatics.uconn.edu/  
cbc-workshops/](https://bioinformatics.uconn.edu/cbc-workshops/)