Introduction to single-cell RNA-seq

Harvard Chan Bioinformatics Core presents:

Introduction to single-cell RNA-seq

For researchers on the Harvard Medical School Quad & those affiliated with the Harvard Stem Cell Institute (HSCI) or Dana-Farber/Harvard Cancer Center

During this online hands-on workshop, participants will learn:

• how to design a single-cell RNA-seq (scRNA-seq) experiment
• the steps involved in taking raw scRNA-seq data and generating a count (gene expression) matrix
• how to use Seurat to analyze single-cell data, starting from count matrices
• how to compute and assess QC metrics at every step in the workflow
• how to cluster cells and derive the identity of the different cell types present

This workshop has a pre-requisite:
HBC’s Introduction to R workshop

OR
Fluency with R

February 11th, 15th and 18th 2022
(9:30 AM - 12 PM all days)

More information & registration link at: https://tinyurl.com/HBC-scRNAseq
Registration fee: $50
Workshop Location: Online

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