

Announcements 4/13

- Reading for Single cell omics
 - M. Luecken, F. Theis. [Current best practices in single-cell RNA-seq analysis: a tutorial](#) . *Mol Syst Bio*. 15:e8746. 2019
 - A. Pratapa et al. [Benchmarking algorithms for gene regulatory network inference from single-cell transcriptomic data](#) . *Nature Methods* 17(2):147-154, 2020.
 - B. Sande et al. [A scalable SCENIC workflow for single-cell gene regulatory network analysis](#) . *Nat Protoc*. 15(7):2247-2276, 2020.
 - T. Stuart, R. Satija. [Integrative single-cell analysis](#). *Nat Rev Genet*. 20, 257–272, 2019.
 - A. Cobos et al. [Benchmarking of cell type deconvolution pipelines for transcriptomics data](#) . *Nat Commun*. 11, 5650, 2020.
 - P. Stahl et al. [Visualization and analysis of gene expression in tissue sections by spatial transcriptomics](#). *Science* Vol. 353, Issue 6294, pp. 78-82, 2016.
- Project presentation guideline
 - https://www.biostat.wisc.edu/bmi776/project_presentation.pdf
- HW3 due by 4/15