



I'm Dev Patel.

I do **computational biology work** with a focus on **using ML for biomarker discovery**.



Github



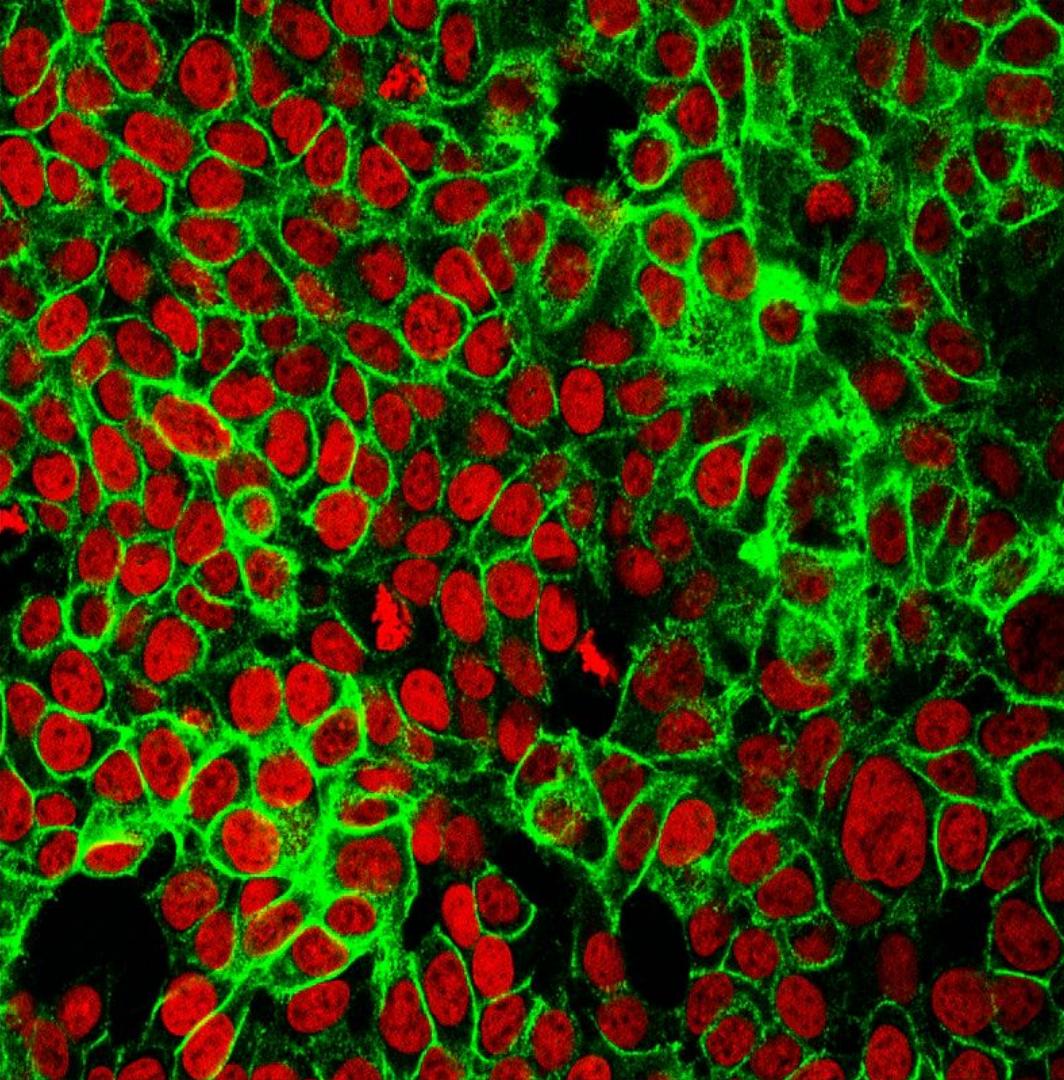
Medium



Linkedin



Notion



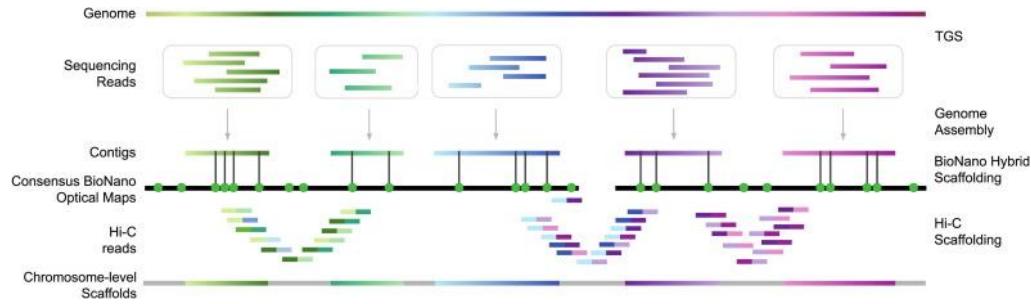
NCI Funding for Cancer Research



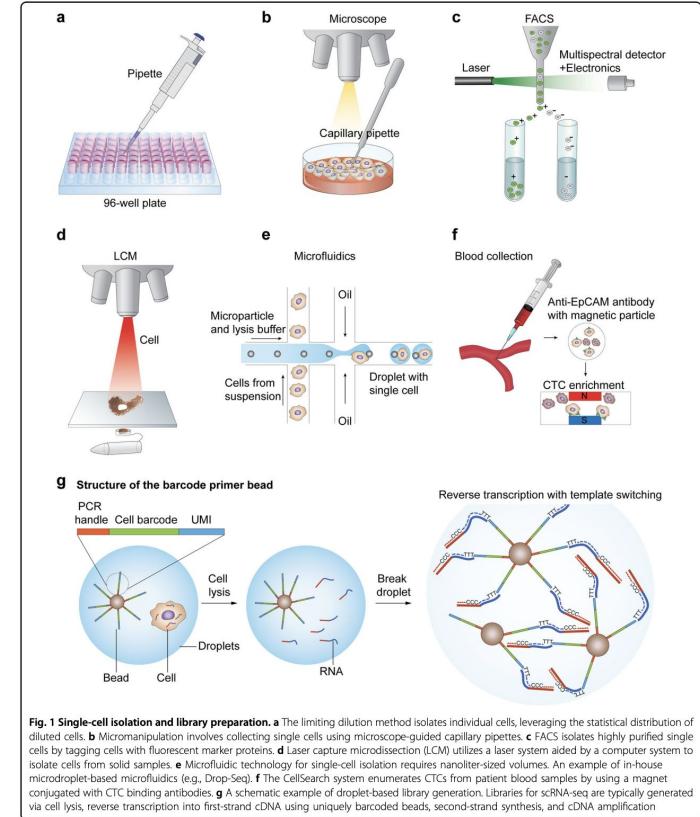
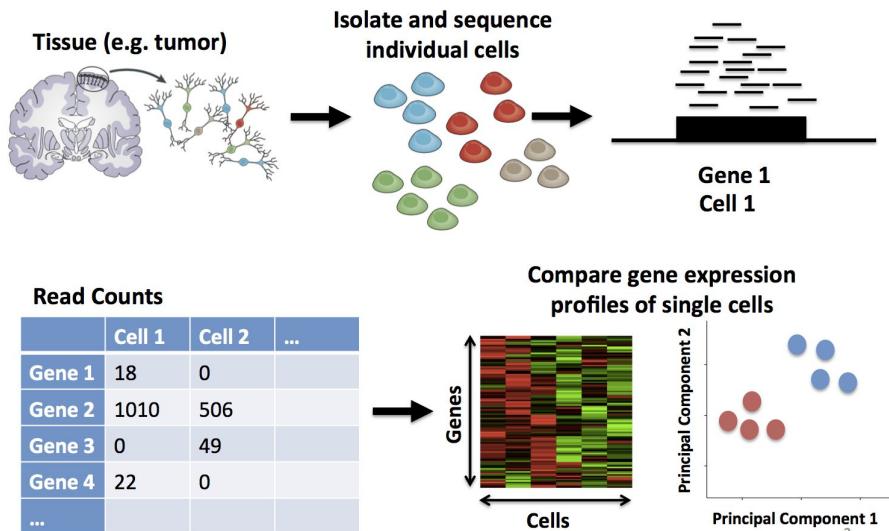
1. Reflects the impact of inflation (using the Biomedical Research and Development Price Index) on NCI actual and projected funding.

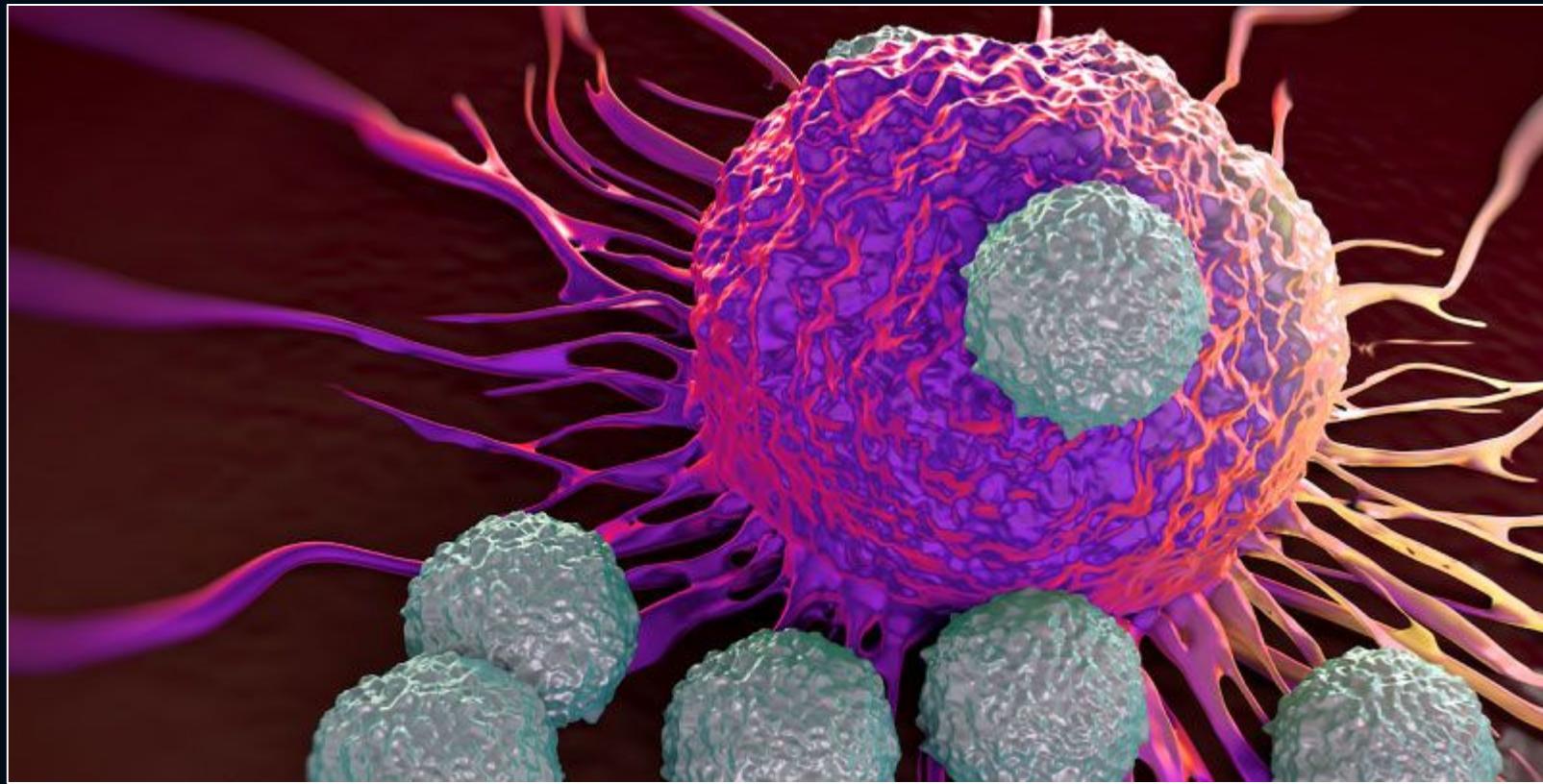
2. Reflects actual obligations through FY 2017, NCI's enacted budgets for FY 2018 and FY 2019, and projected budgets for FY 2020 and beyond consistent with the discretionary spending limits in the Bipartisan Budget Act of 2018.

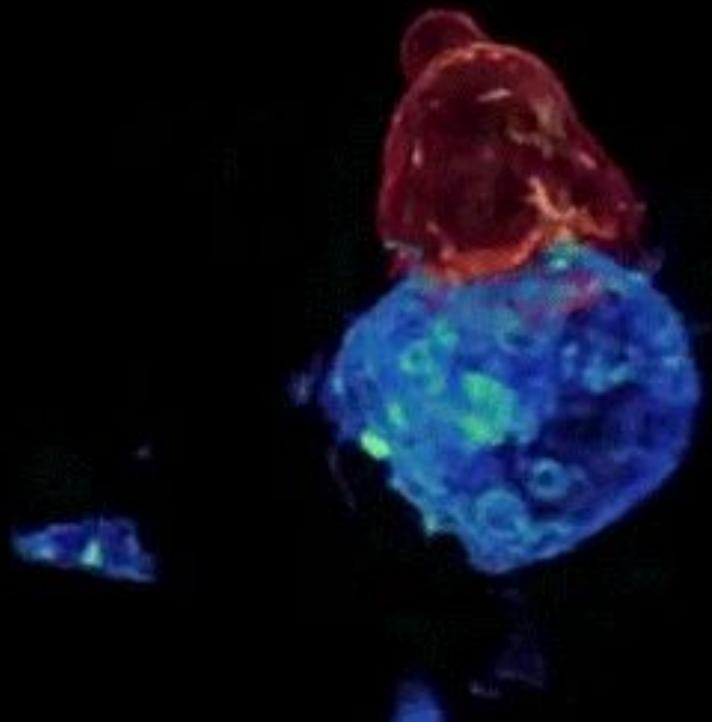
3. FY 2009 and FY 2010 include funding from the American Recovery & Reinvestment Act (ARRA) of 2009. FY 2017 through FY 2022 include Cancer Moonshot funding as authorized in the 21st Century Cures Act of 2016.

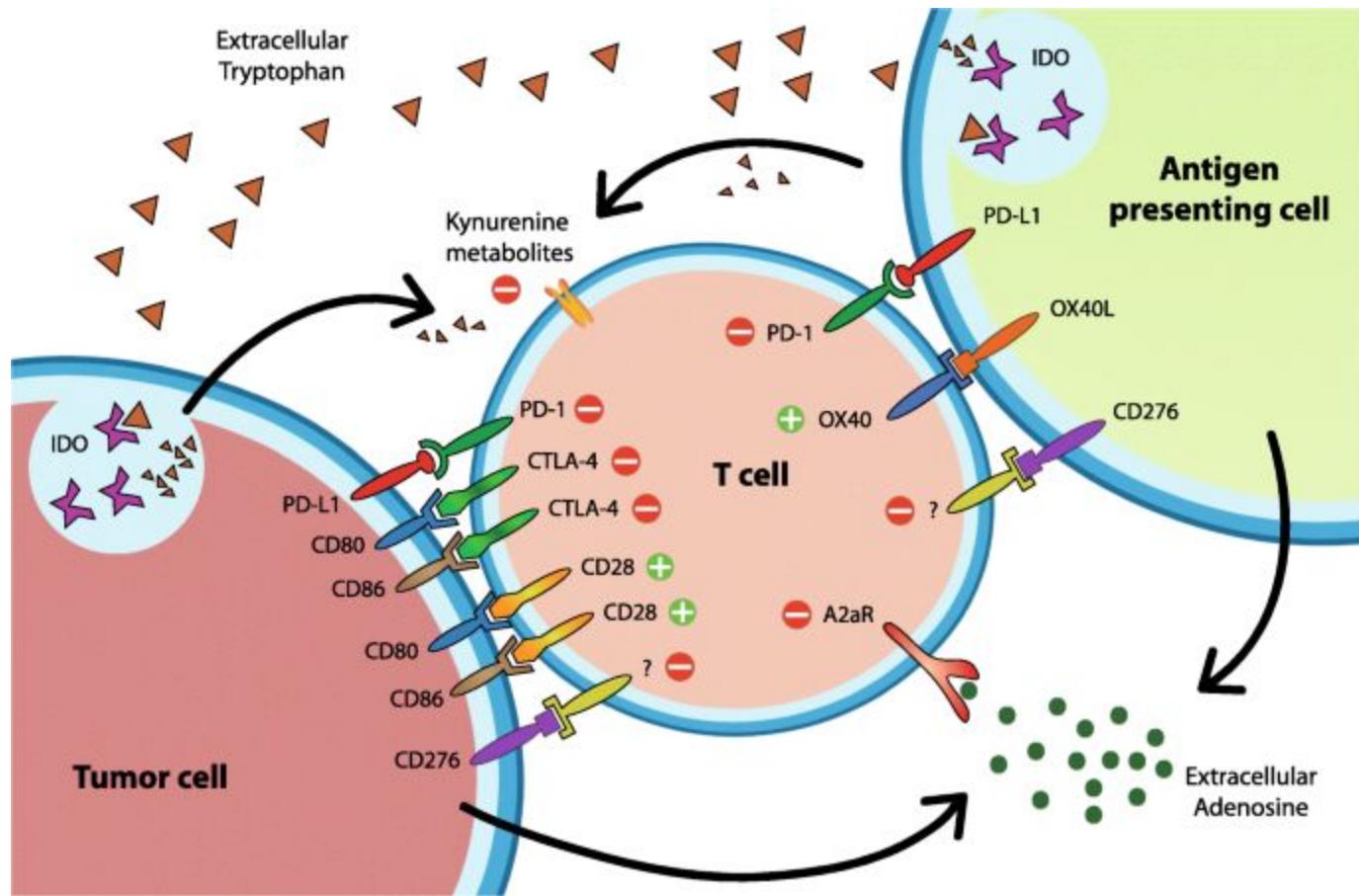


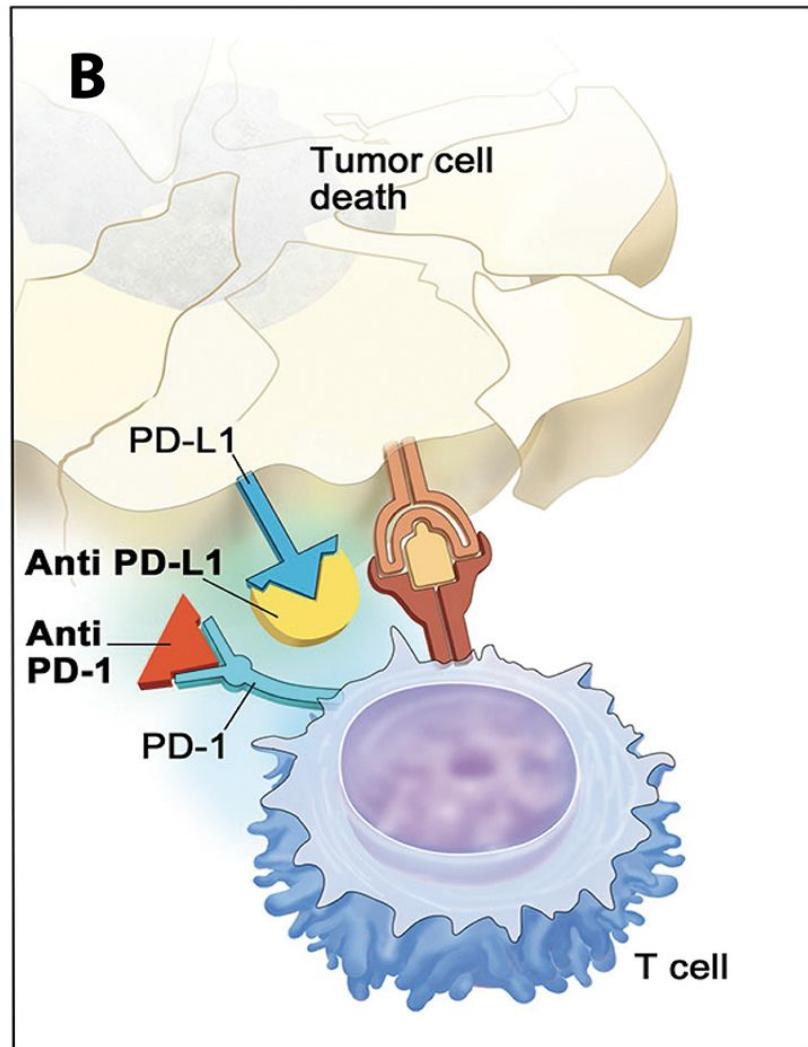
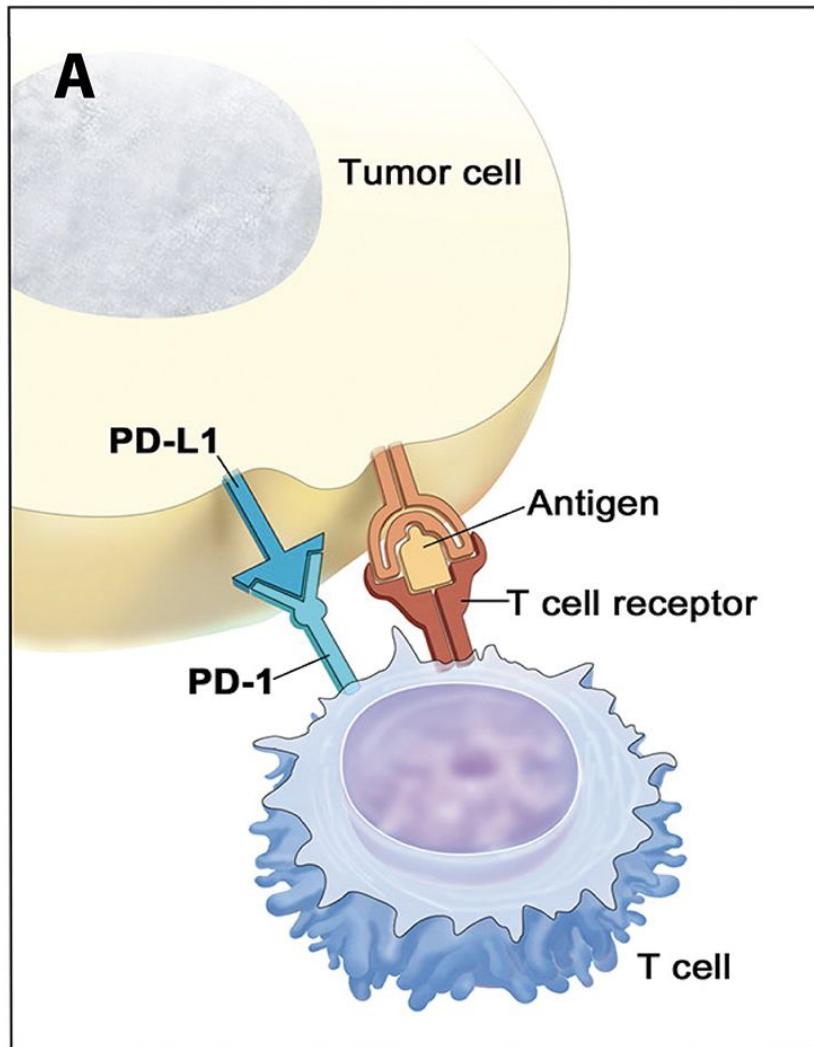
Single-cell RNA-Seq (scRNA-Seq)

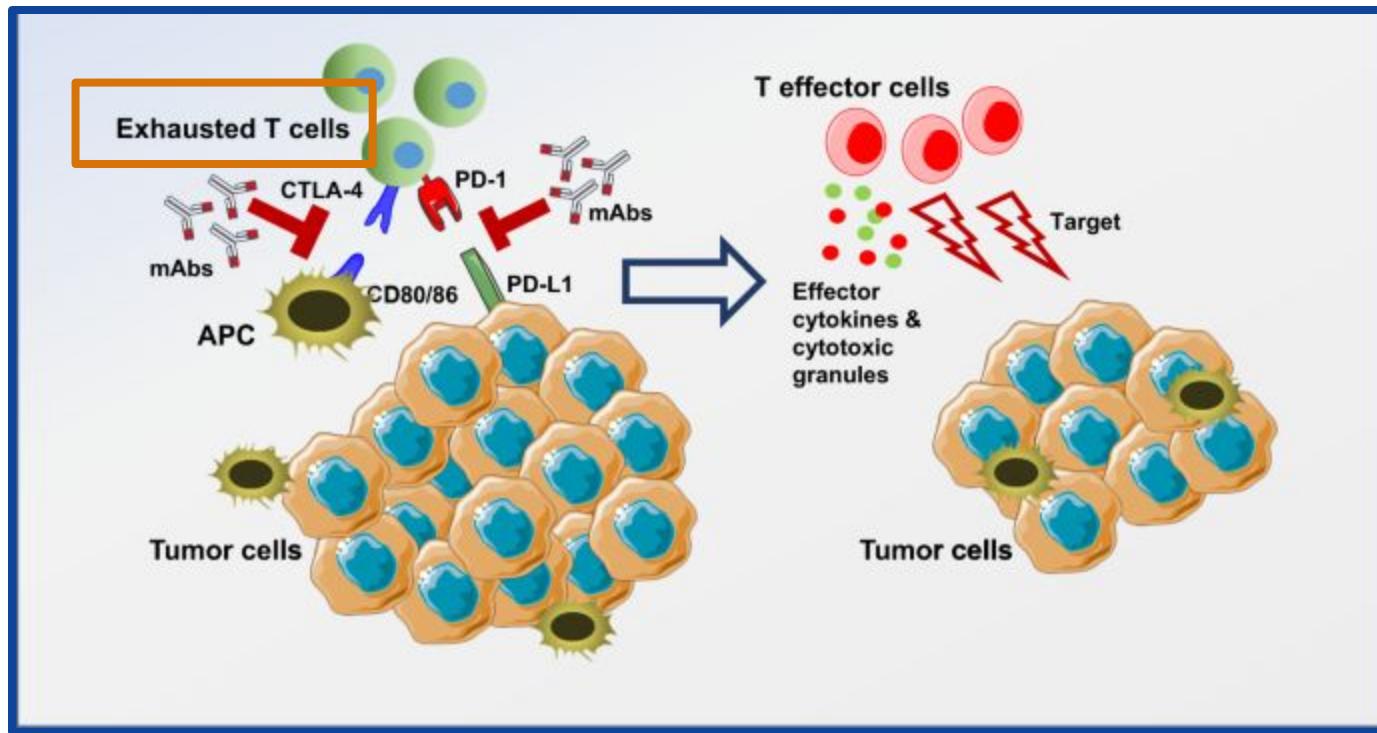




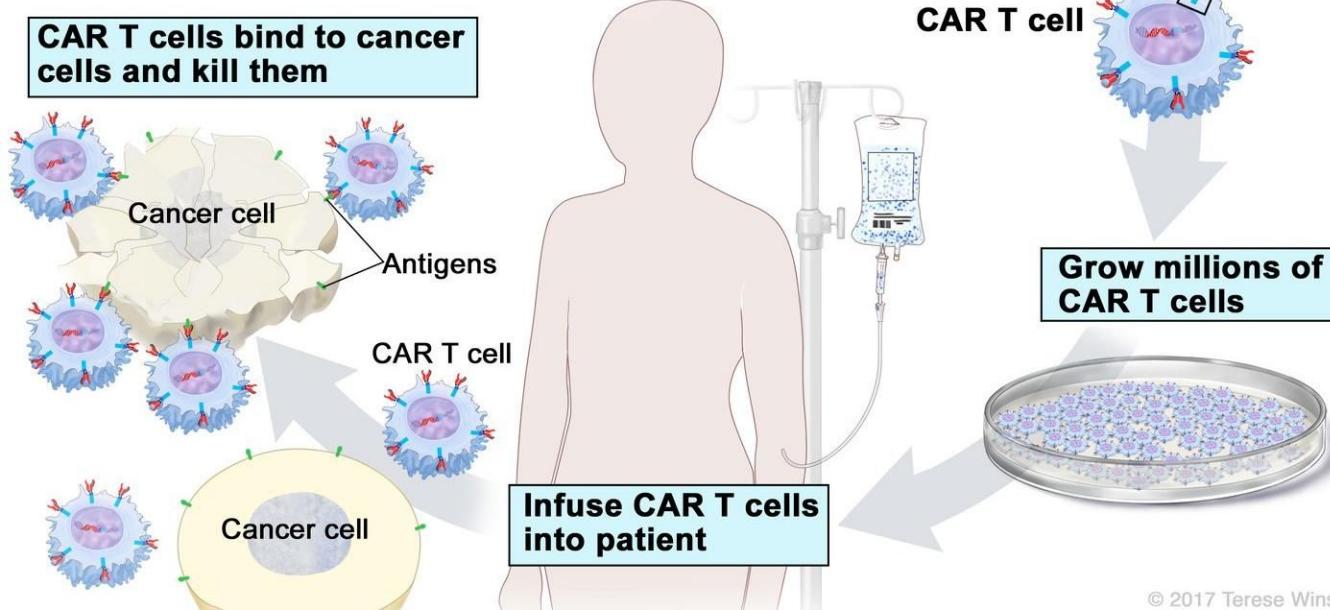
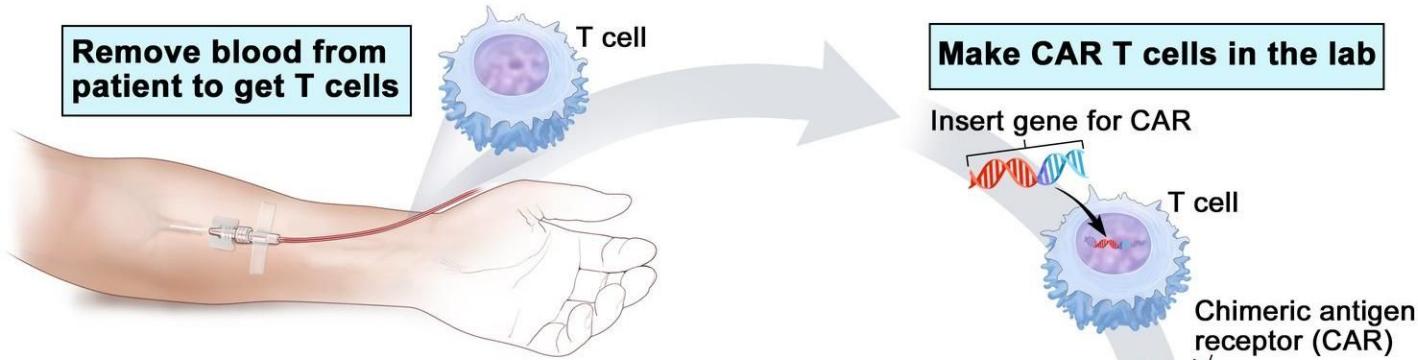








CAR T-cell Therapy





Macrophage



lymphocyte



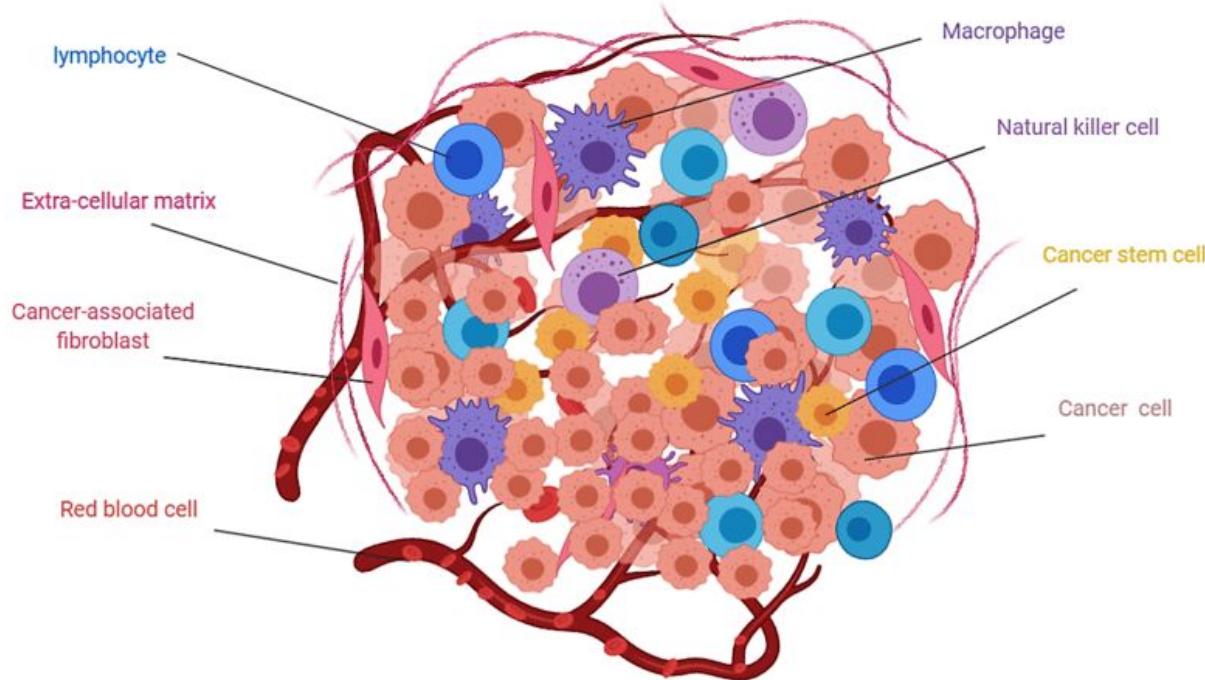
Natural killer cell

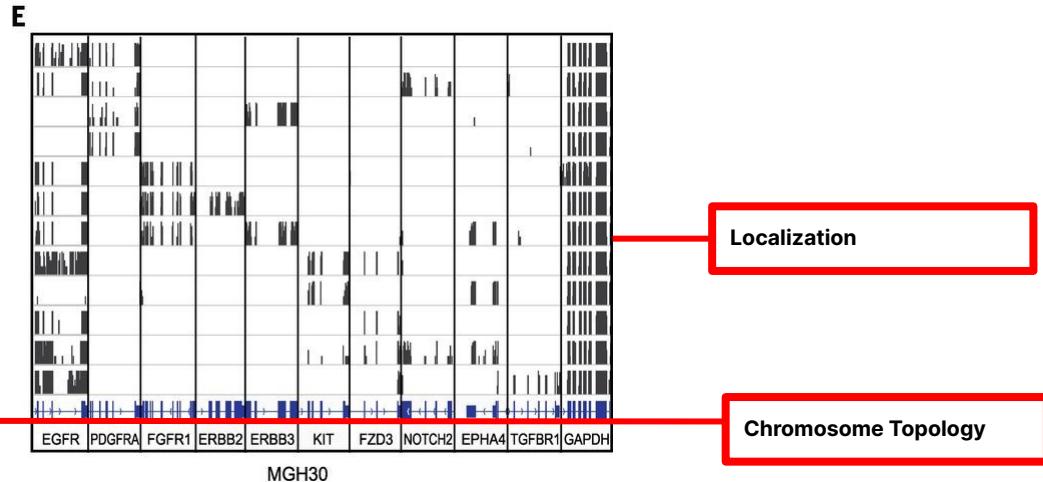
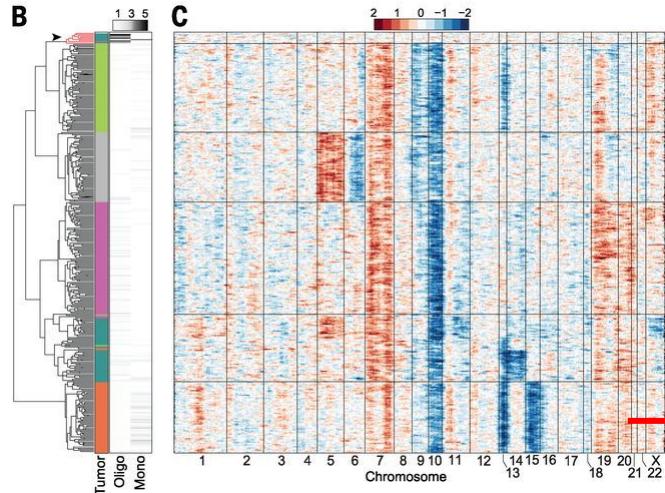
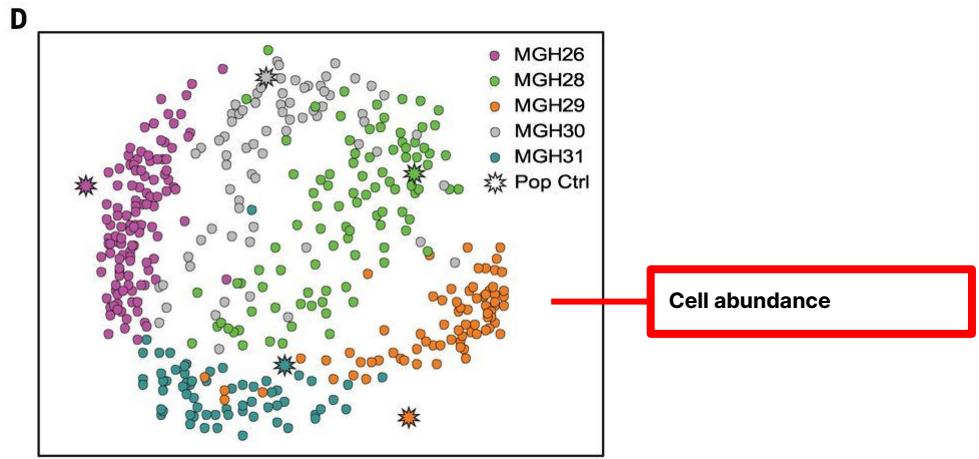
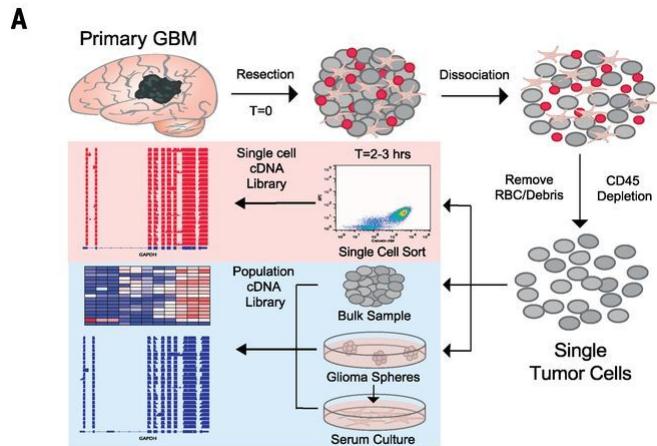


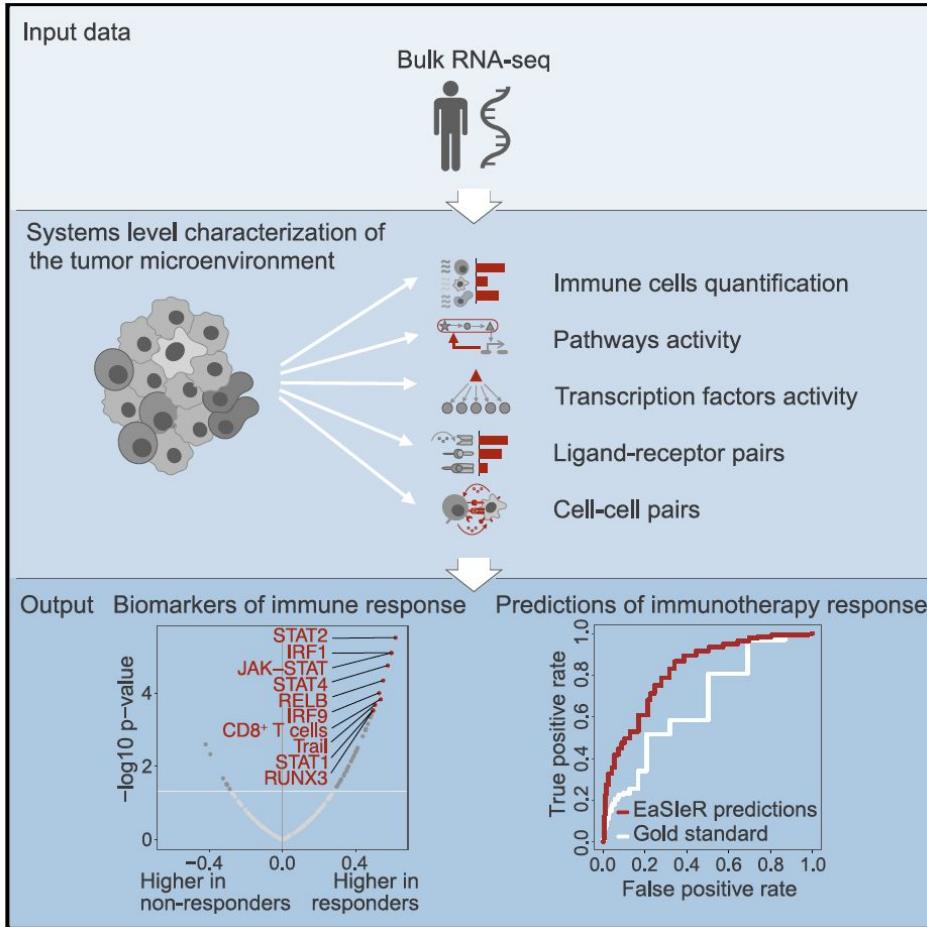
Cancer cell

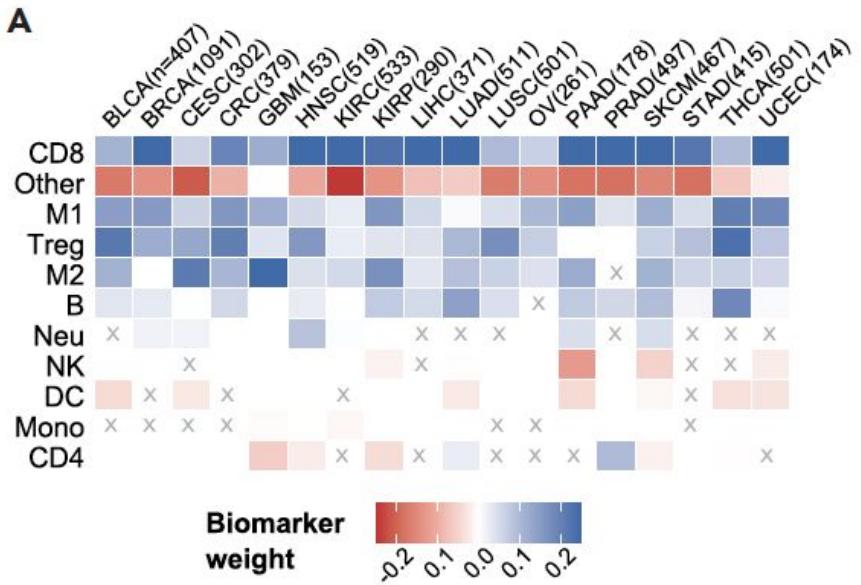
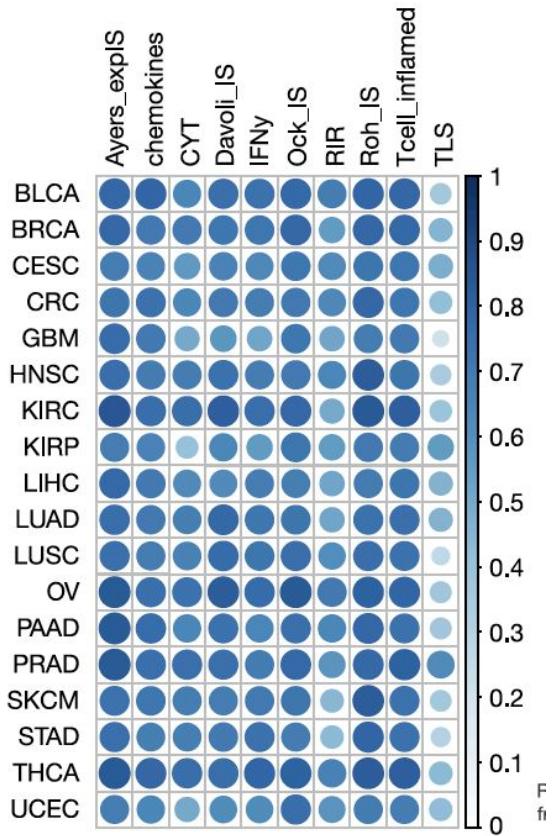


Cancer stem cell



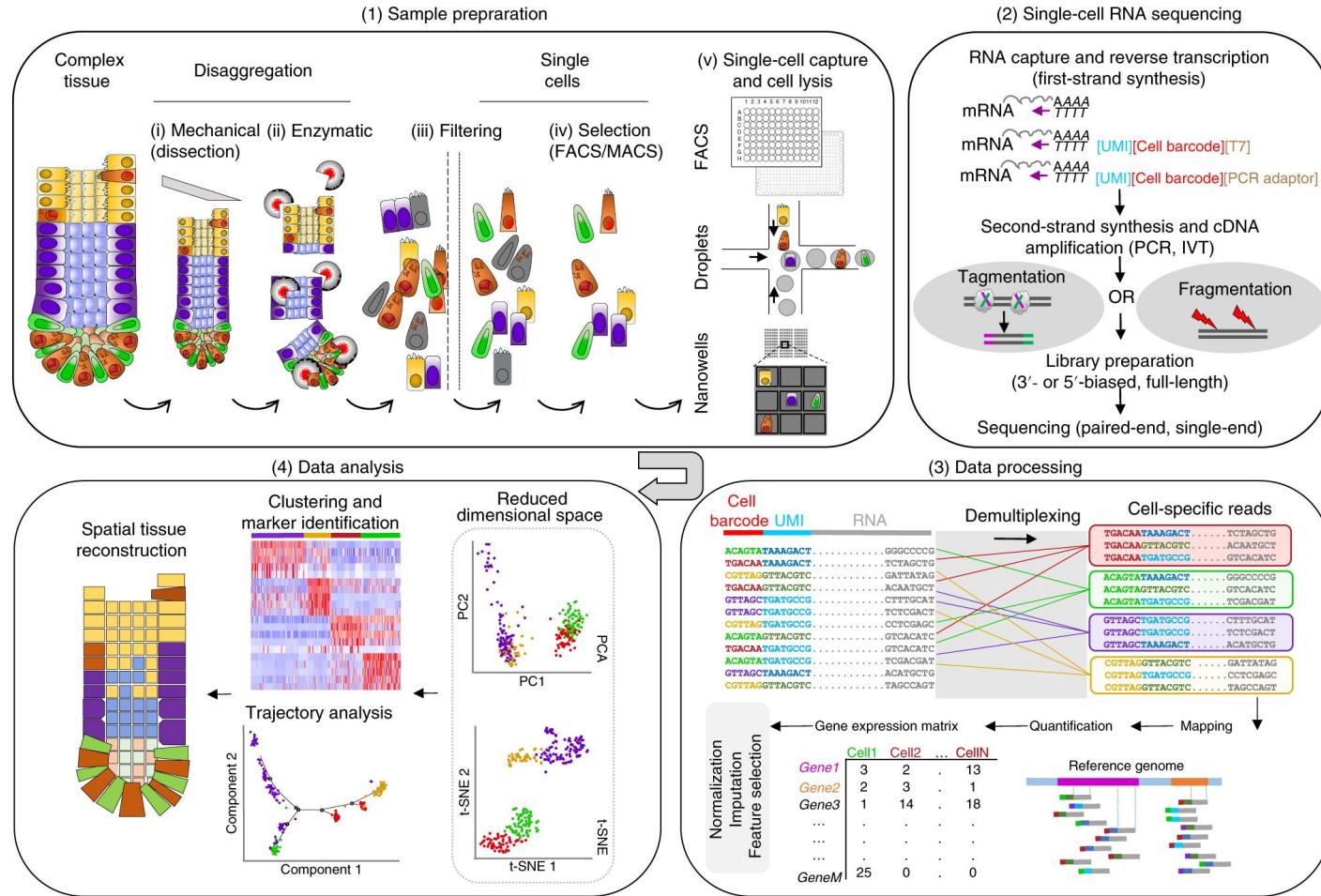






Cancer to Cell-Specific Correlation

Cancer to Biomarker Cluster Correlation



Computational biology

is the missing component in making drastic improvements to biotech accessibility and impact.

Thank you!

