

# Droplet-based Methods

## 10X Genomics Platform

Most widely used - Chromium platform with GEMs

## Drop-seq Principles

Co-encapsulation of cells and barcoded beads

## InDrop Technology

Hydrogel beads with photocleavable barcodes

## Barcode Design

Cell barcode + UMI for molecular counting

## Doublet Detection

Computational and experimental QC for multiplets

💡 High throughput but lower sensitivity per cell

