Modalities
(Gene Expression, Chromatin Accessibility, etc.)

Cells
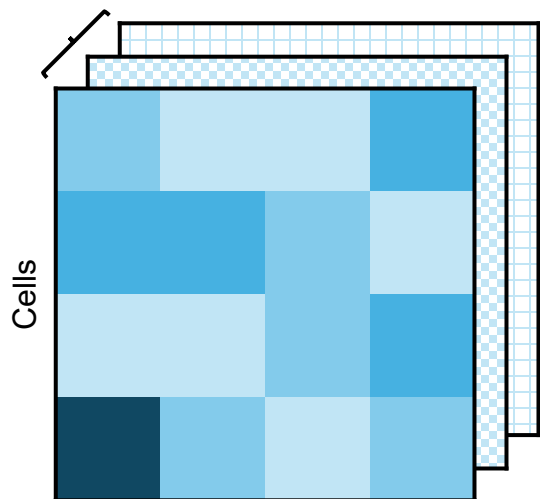
Features
(Genes, Chromatin Regions, etc.)

scEPTIC-RL Model

Position and Cell Data

Single-Cell Environment

Collaborative Multi-Agent Policy
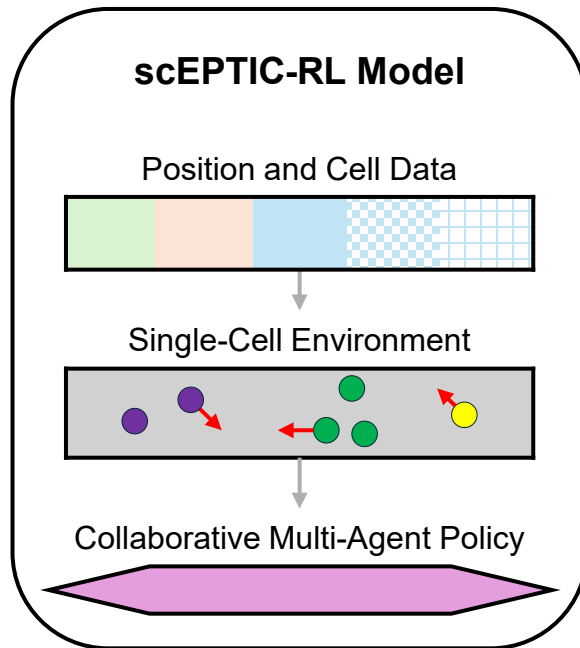
Multimodal Integration
Cross-Modal Imputation

Developmental Trajectories
Disease Trajectories

Gene Prioritization
Feature Perturbation Analysis

Initialize Latent Space

Query Policy

Iterate Latent Space

Iterate Policy