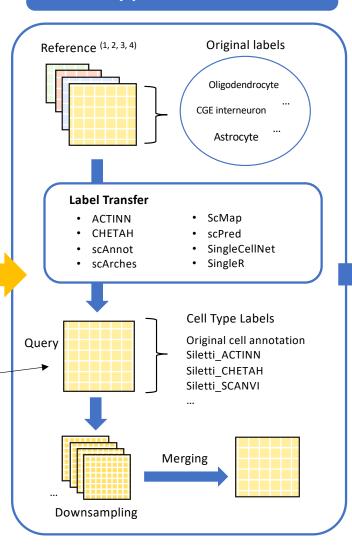
## **Data Collection**

## **Fetching Expression Count Matrices** • GEO ArrayExpress Allen Brain Map • Github UCSC Browser scDenorm .374 Raw Normalized Conversion to h5ad **Pandas** Scanpy Seurat Anndata Sceasy Numpy Adult Curation of Metadata Cell ID Fetal Sample type Brain\_region Cell Label Tumour • Donor info gene symbol Organoid

## Cell-Type Annotation



## Integrative Atlas

