# SPARCSpy

## image-based single cell analysis at scale in python

| Segmentation | Extraction | Classification | Selection |
|---|---|---|---|
| • generates masks for the segmentation of input images into individual cells | • segmentation masks are applied to extract single-cell images for all cells in the input image | • Each individual cell in the extracted single-cell dataset is classified using the specified classification method | • Cutting instructions for the isolation of selected individual cells by laser microdissection are generated |