project classes: provide code framework to load and save data and to execute different processing steps

segmentation classes: provide segmentation framework for different datatypes with or without parallel processing without providing a segmentation algorithm

segmentation workflows: extend the existing segmentation classes with different segmentation algorithms

extraction classes: provide code framework to extract single-cell images for all cells segmented within the previously calculated segmentation masks

classification classes: provide code framework to classify or featurize the generated single-cell image datasets

selection classes: provide code framework to select cells for subsequent laser microdissection