* DeepCells is an easy to use Python framework for training deep learning models using data generated from high content cellular microscopy images.
* The main advantages of using this package is that it is able to automate the analysis design process as well as scale to very large datasets.
* There are three main .py files that encode the functionality to train a given deep learning model to classify cellular images. They also allow the user to perform inference eon a trained model.
* A sample deep learning model file is also provided under the models directory.
* No proprietary data (images, diseases of interest, etc) will be accessible/discernible from what is being proposed to be uploaded
* We will be using an MIT license: a ‘completely permissive’ licence, insofar as enabling anyone to use/modify/distribute etc the software provided there is attribution
* The license does not require any 3rd party code modifications to also be made open source