

need:  
dynamic image filtering  
(BF/DAPI/Z-stack)

need:  
dynamic filename processing  
(well / position)  
GROUP\_KEY GUI

need:  
dynamic folder processing  
(structure of plates / time)

omnipose\_threaded:  
input:  
directory and omnipose  
model/thresholds  
output: masks,  
flows/cellprob/outlines

process\_masks  
input:  
directories/masks  
GROUP\_KEY  
makes csv with mask data  
makes all data csv  
processes time points

plotting  
all clonal generation / phenotype plots  
heatmaps from all data csv  
histogram from all data csv

CellProfiler pipeline  
remake this in python

analyze ICC

colony\_detection

image\_processing

wellWellWells

