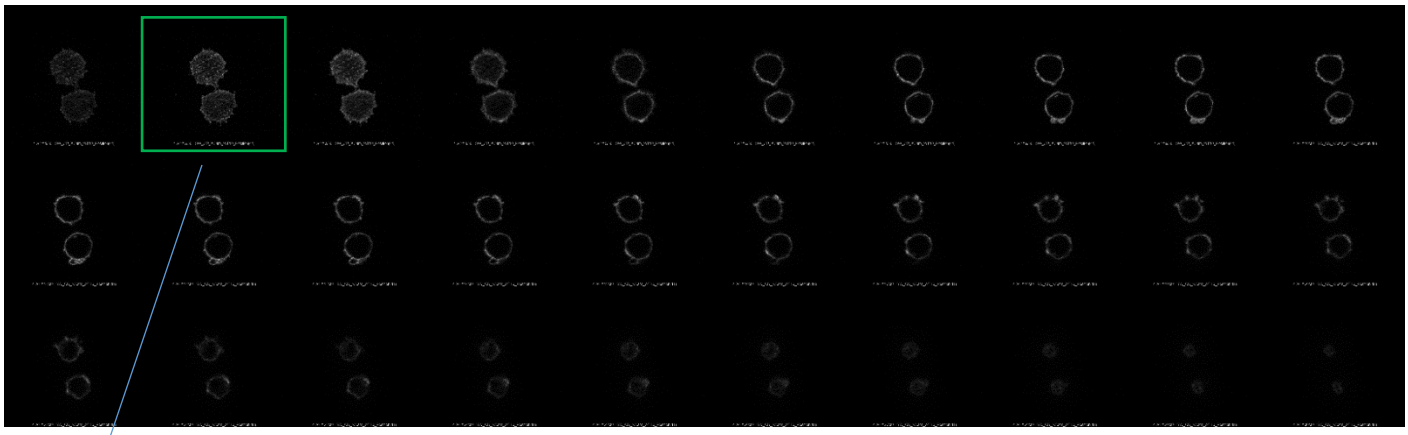
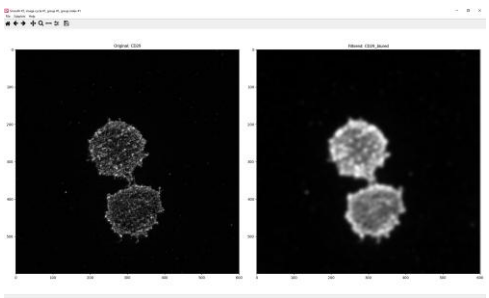
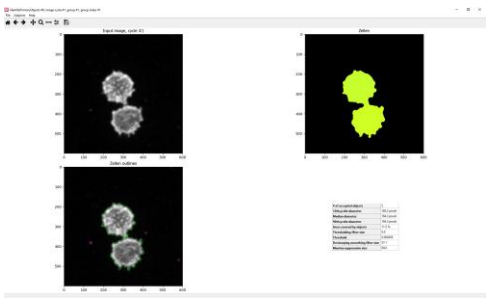


manual selection of the first in focus plane

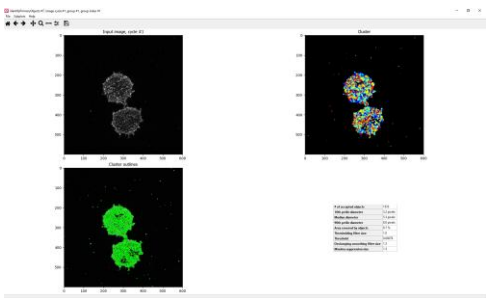
CellProfiler™
cell image analysis software



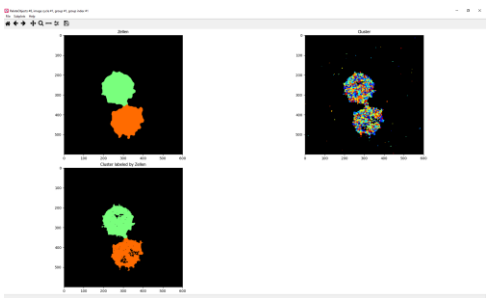
Step: Blur
- To fuse neighbouring objects (to identify cell bodies)
- Remove background



Step: identify cells
- Filter by size (i.e. remove smaller debris)
- Filter objects touching the edges of the image

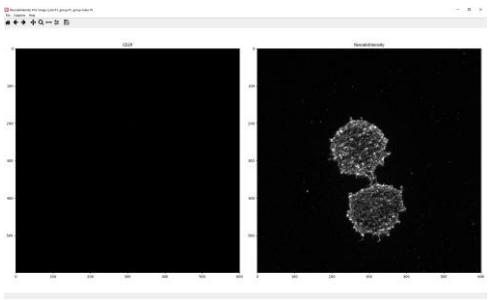


Step: identify cluster
- Filter by size
- declumping fused clusters

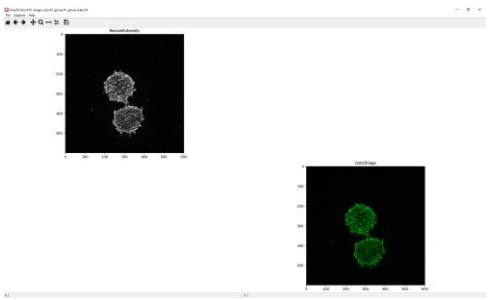


Step: relate clusters to identified cells
- to measure clusters per cell

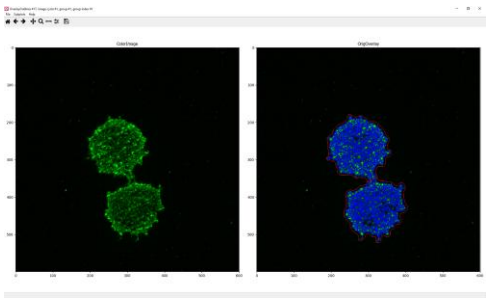
Step: Export data



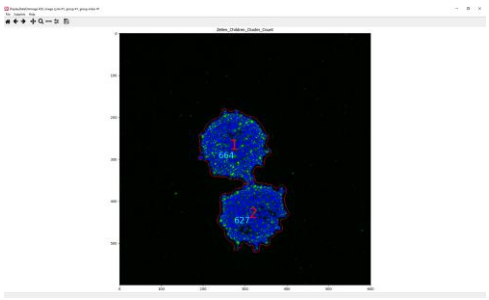
Step: rescale image intensity
- preparation for a later merged image



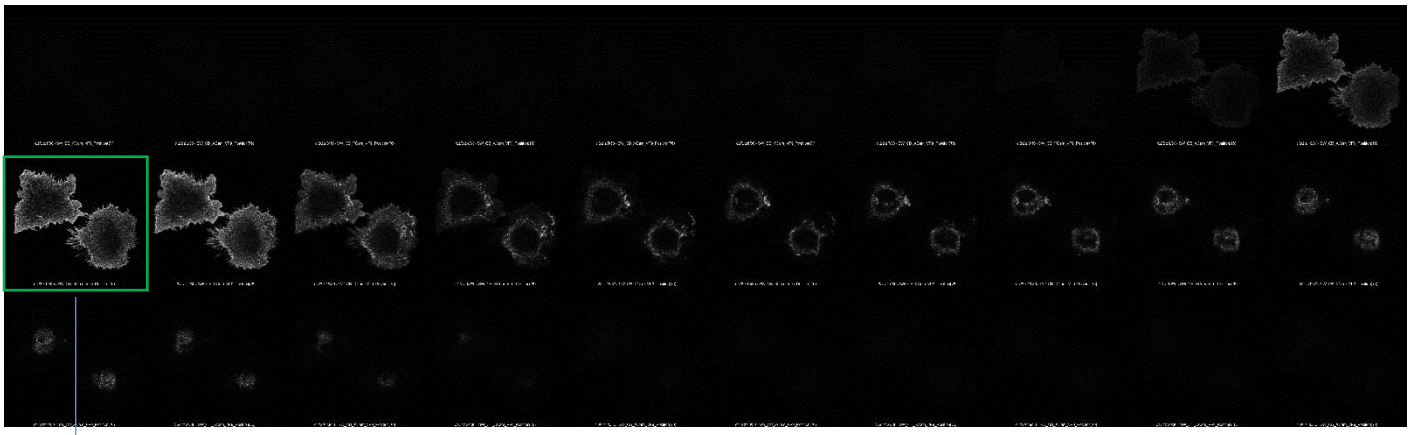
Step: apply green look up table



Step: superimpose object borders
- blue cluster
- red cell borders

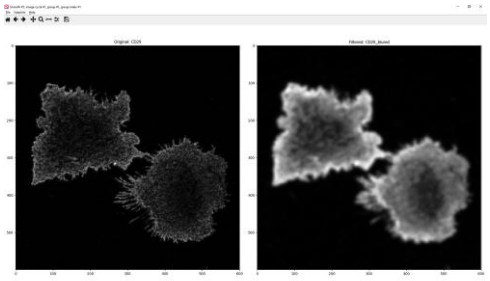


Step: superimpose data on image
and save file into the results foler

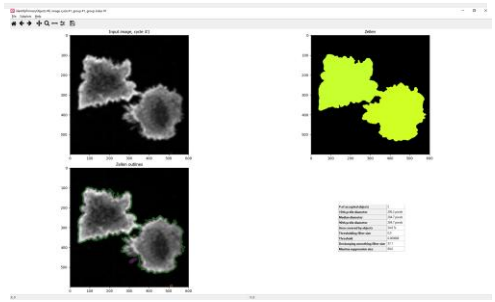


manual selection of the first in focus plane

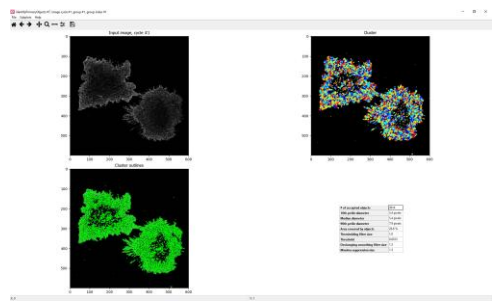
CellProfiler™
cell image analysis software



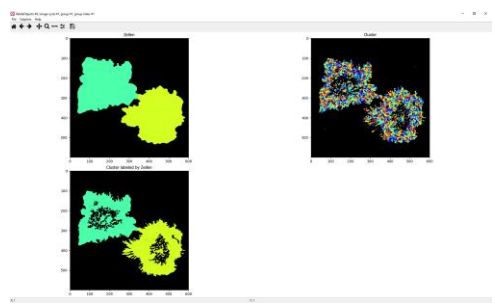
Step: Blur
- To fuse neighbouring objects (to identify cell bodies)
- Remove background



Step: identify cells
- Filter by size (i.e. remove smaller debris)
- Filter objects touching the edges of the image



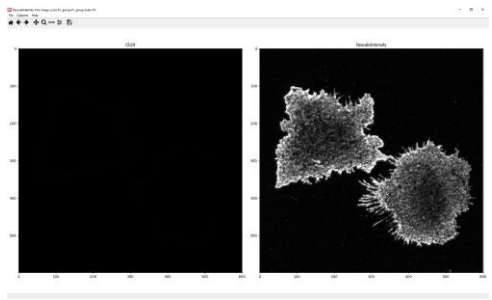
Step: identify cluster
- Filter by size
- declumping fused clusters



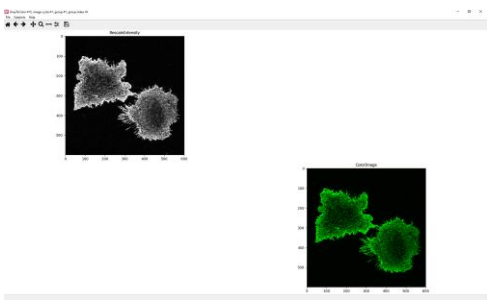
Step: relate clusters to identified cells
- to measure clusters per cell

Step: Export data

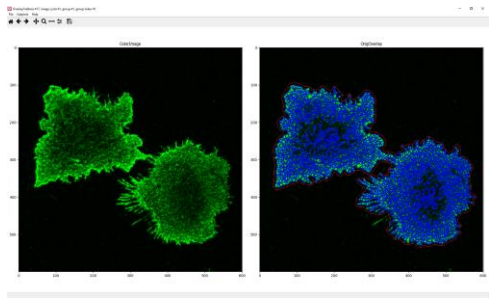
CellProfiler™
cell image analysis software



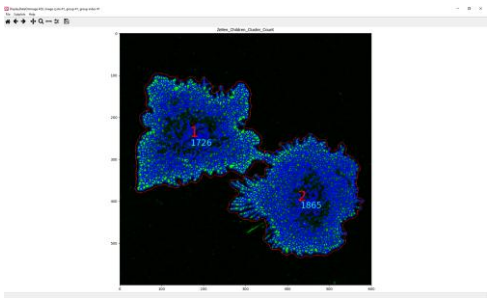
Step: rescale image intensity
- preparation for a later merged image



Step: apply green look up table



Step: superimpose object borders
- blue cluster
- red cell borders



Step: superimpose data on image
and save file into the results foler