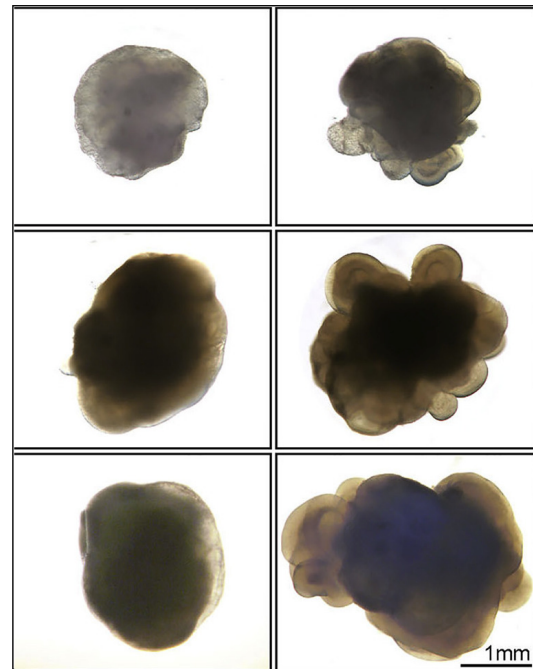


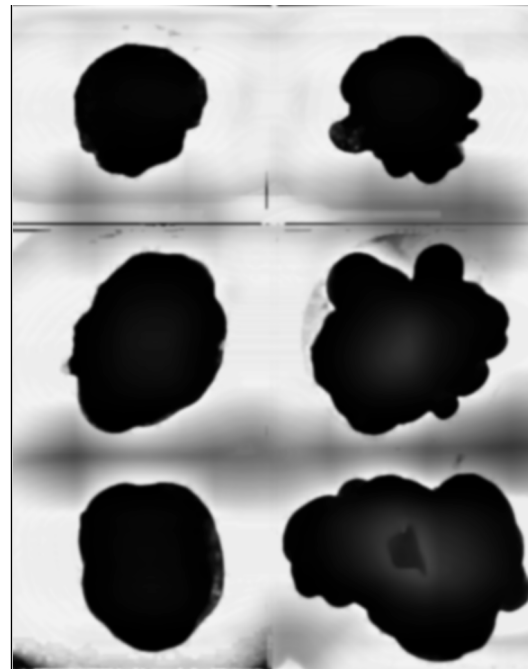
# Image processing+segmentation

using Fiji ijm

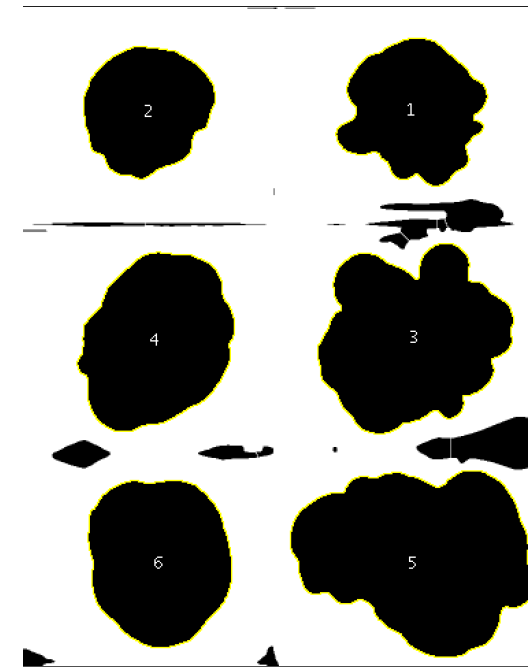
Original images  
Li et al., 2017 *Cell Stem C.*



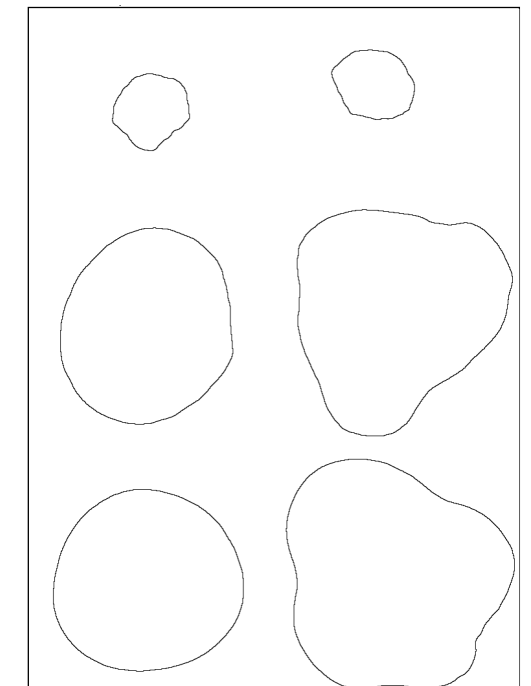
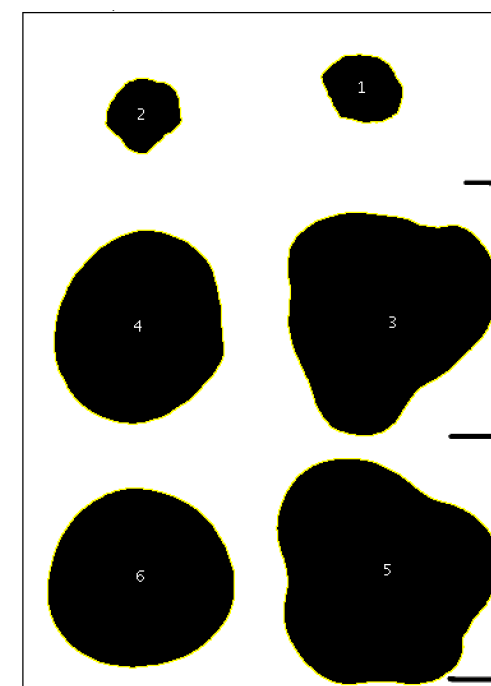
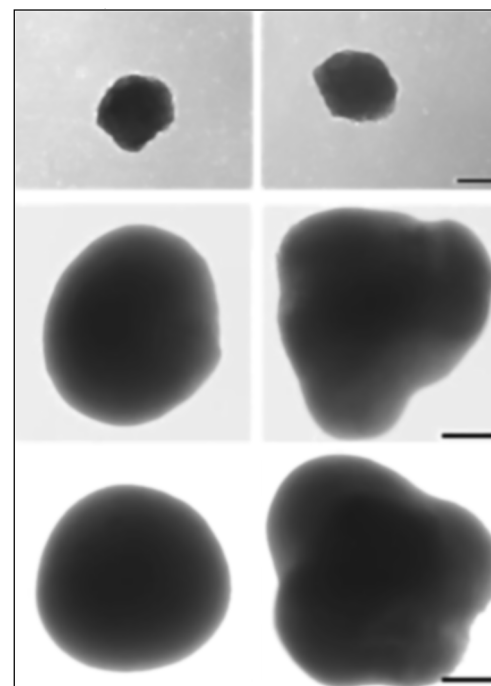
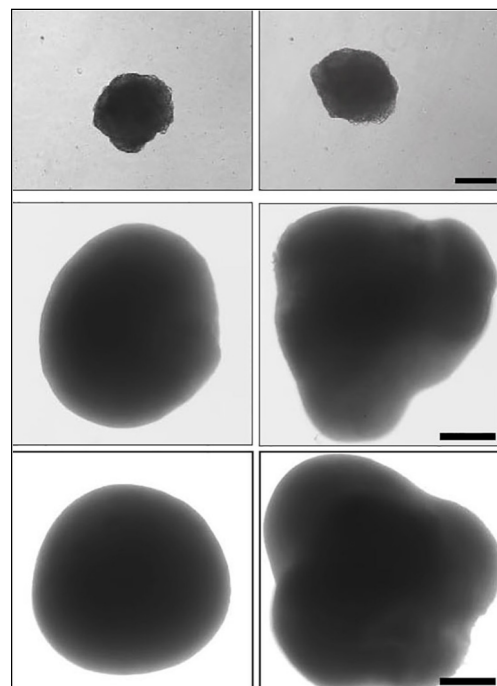
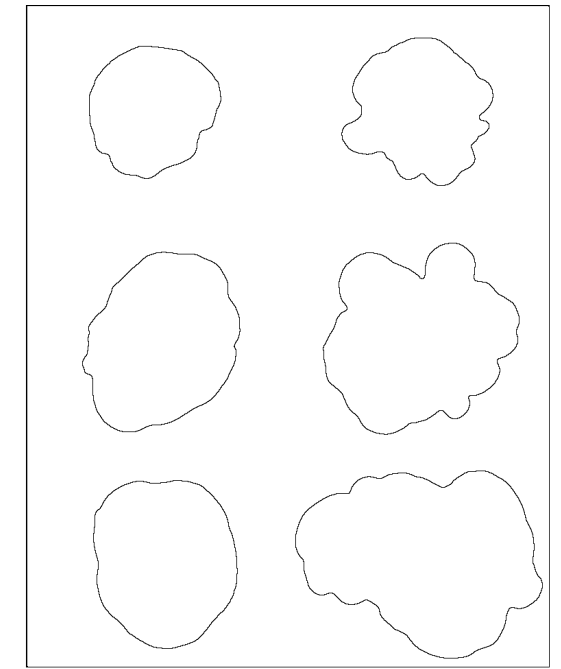
- Morphological filtering (Dilation)
- Enhance Contrast and Gamma, Subtract Background (for fig1f only)
- Median + Gaussian smoothing



- Auto thresholding
- Invert image and fill holes



- Watershed segmentation
- Particle analysis, remove noise and extract 2D outlines



**NOTE: It can be automatized for many images, given the known input images and image processing parameters**