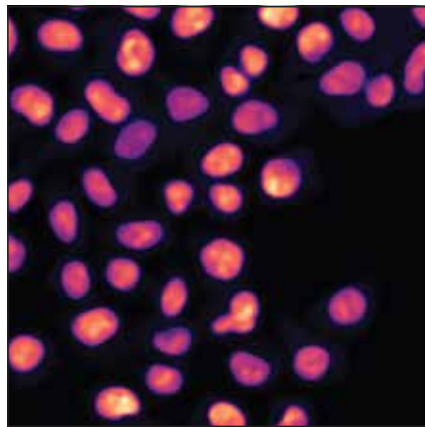
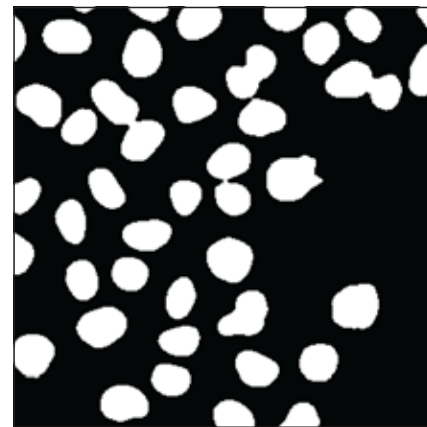


percentile normalization of nuclear channel



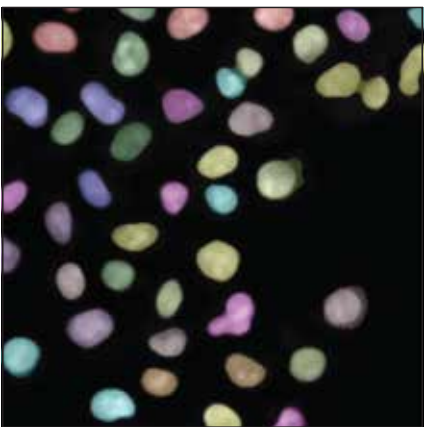
apply median filter to smooth input



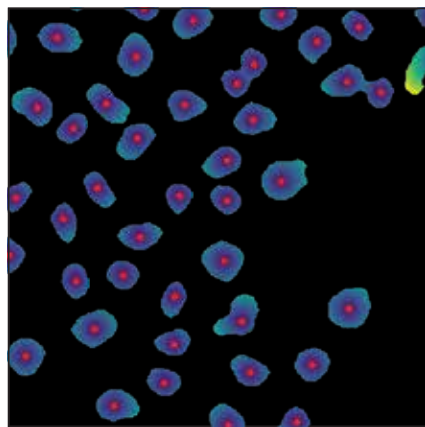
threshold nuclei

1. local thresholding approach with threshold defined by user
2. global thresholding approach with otsu threshold calculated globally

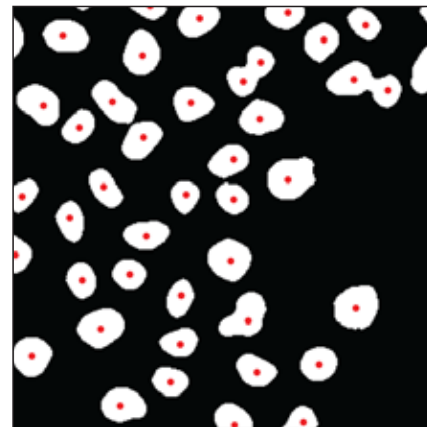
smooth results by binary erosion/dilation



segmented nuclei



assign nuclei using fast marching



calculate centers using distance transform

