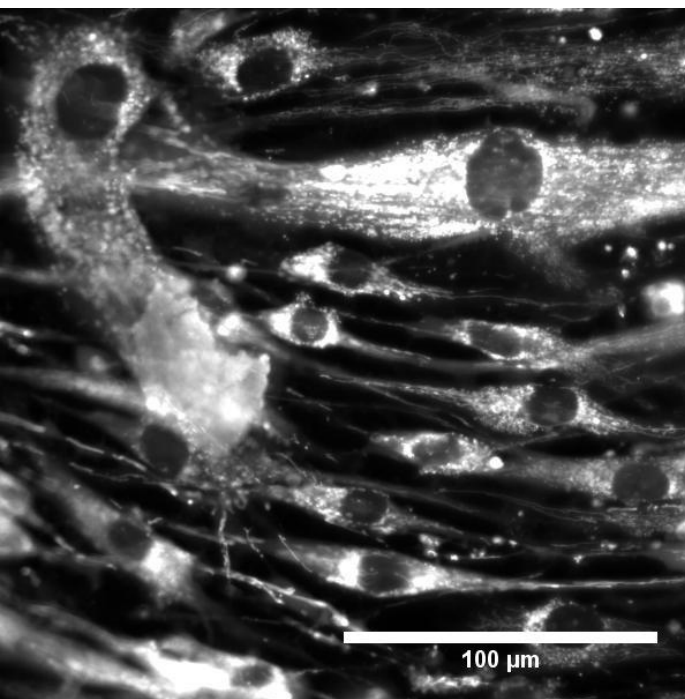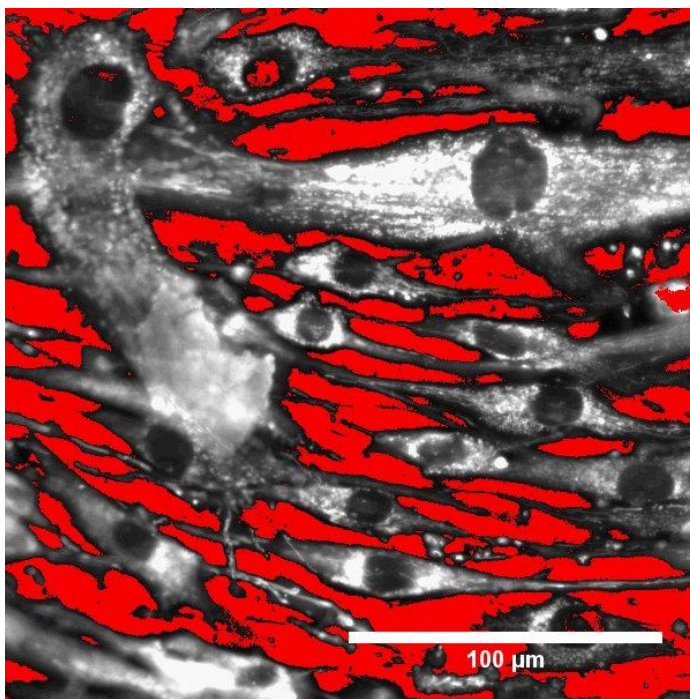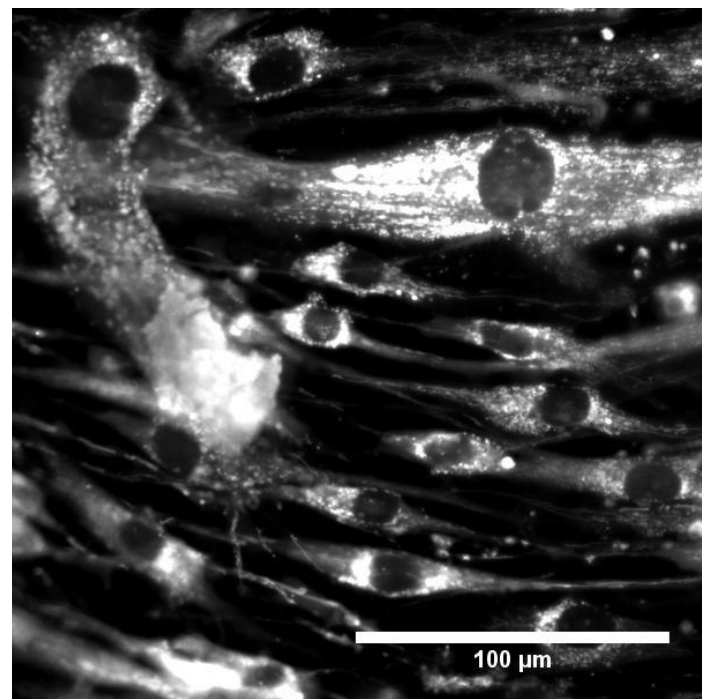**A** Summed Intensity Image Before Correction

B Summed Intensity Image With Background ROI

C Summed Intensity Image After Correction

D False Colored Image After Correction