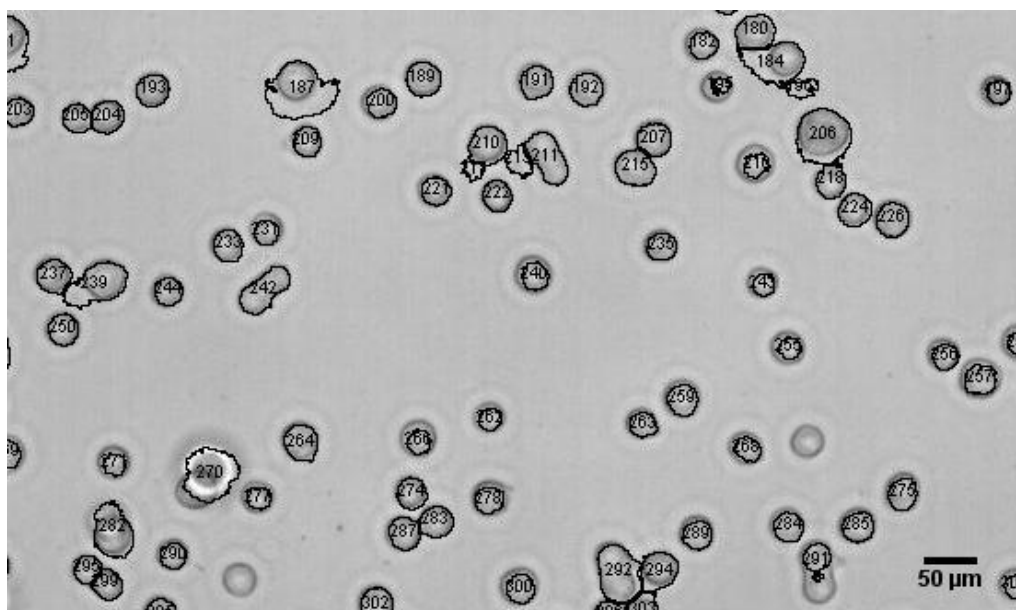




Micrograph of murine fibroblasts taken at the outlet of the SAW sorting device. From a fluorescence micrograph of the same field of view we detect cells exciting a fluorescent signal from Calcein AM which proves cell viability. These viable cells are identified by image analysis and labelled with a number and a contour line. We overlay these numbered contour lines to a phase contrast micrograph as shown in the image. Cells without a label are considered to be nonviable.