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A needle-like optofluidic probe enables targeted intracellular delivery by confining light-nanoparticle interaction on single cell

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Supplementary material

1. Quantification of apoptotic and necrotic cells

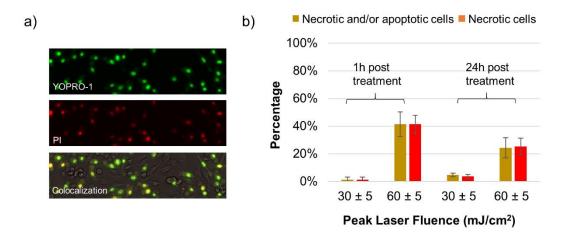


Figure S1 (a) Fluorescence microscopy images of MDA-MB-231 cells irradiated with an optofluidic probe at 60 mJ/cm². Green staining (YOPRO-1) indicates necrotic and/or apoptotic cells and red staining (PI) indicates necrotic cells only. Quantification of apoptotic and/or necrotic and necrotic only cells for various laser treatment energy fluences and monitoring time frames.