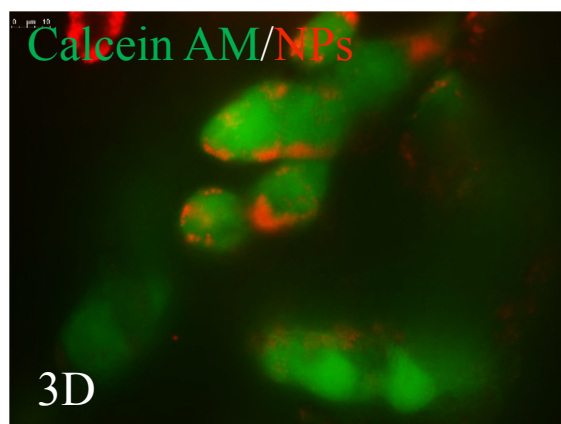
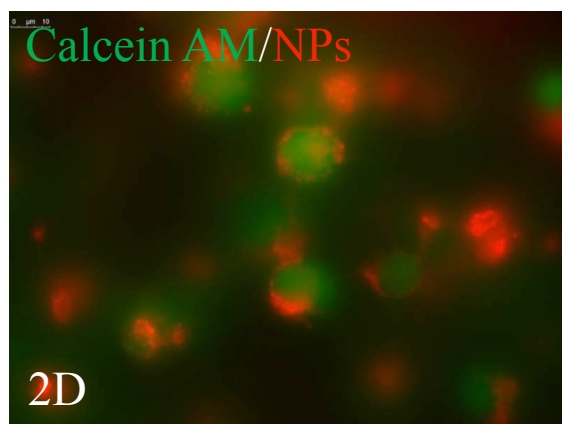


**Supplementary Table S1. Cell cycle in unprinted and printed cells at different time-ponts. Mean±SD. N=3 each.**

	2D	3D T0	3D T24h	3D T72h
G0/G1	63.7±3.6	65.2±3.8	64.8±3.9	80.6±4.2
S	18.2±1.8	14.7±1.3	14.8±1.6	10.5±1.2
G2/M	18.1±1.9	20.1±1.9	20.4±2.1	8.9±1.1

A

Calu3



**Supplementary Figure S1.** Live death assay for Calu-3 cells in the presence of fluorescent non-toxic carboxyl-modified 40 nm nanoparticles internalization. Left: conventional 2D culture. Right: 3D Printed OBST