

Supplementary Information

Albendazole release from silica-chitosan nanospheres. In vitro study on cervix cancer cell lines

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1. Full FTIR spectra of the samples

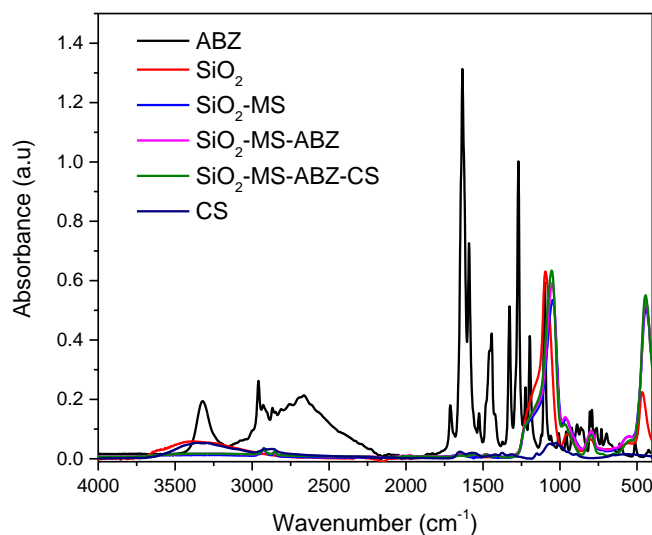


Figure S1. Full FTIR spectra of the samples

2. Additional experimental data

To evaluate the cytotoxicity of the nanoparticles at the different doses used in this work, monocytes cells were isolated form peripheral blood and incubated for 72 h. Cells were stained with XTT according to the specifications of the supplier (Roche)

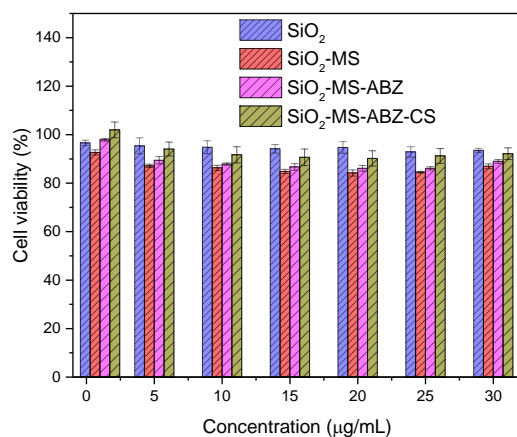


Figure S2. Cell viability assessed by XTT assay in monocytes at different doses of nanoparticles, after 72 h incubation.

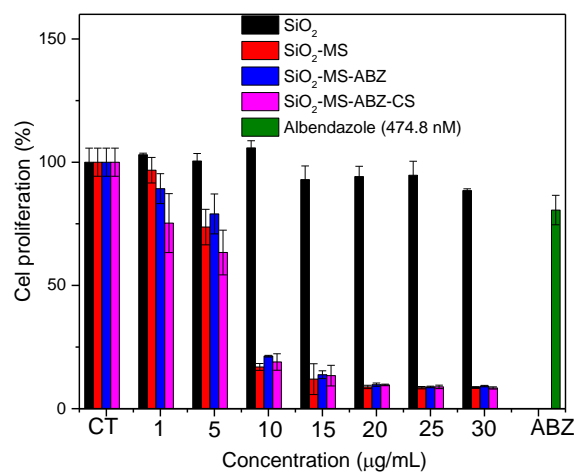


Figure S3. Crystal violet assay for cell proliferation in HeLa cells using different doses of nanoparticles, the amount of free ABZ used was equivalent to the nominal loading of the drug in the silica nanoparticles.

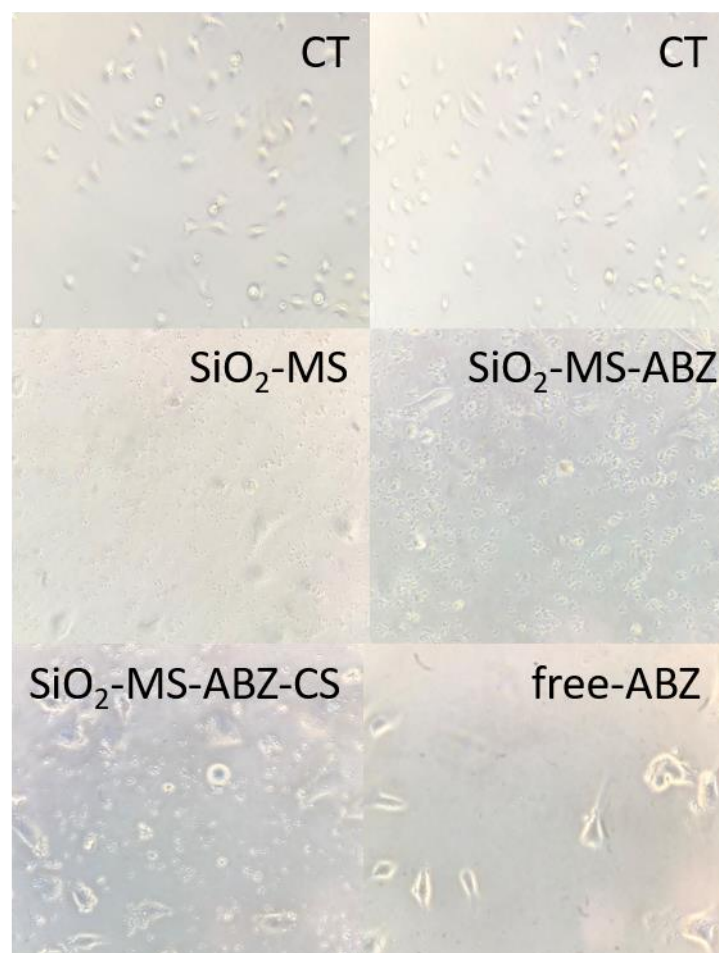


Figure S4. Optical microscope images at 75X of HeLa cells at $t = 0$ with the different materials at the dose of $30 \mu\text{g/mL}$, (before incubation).

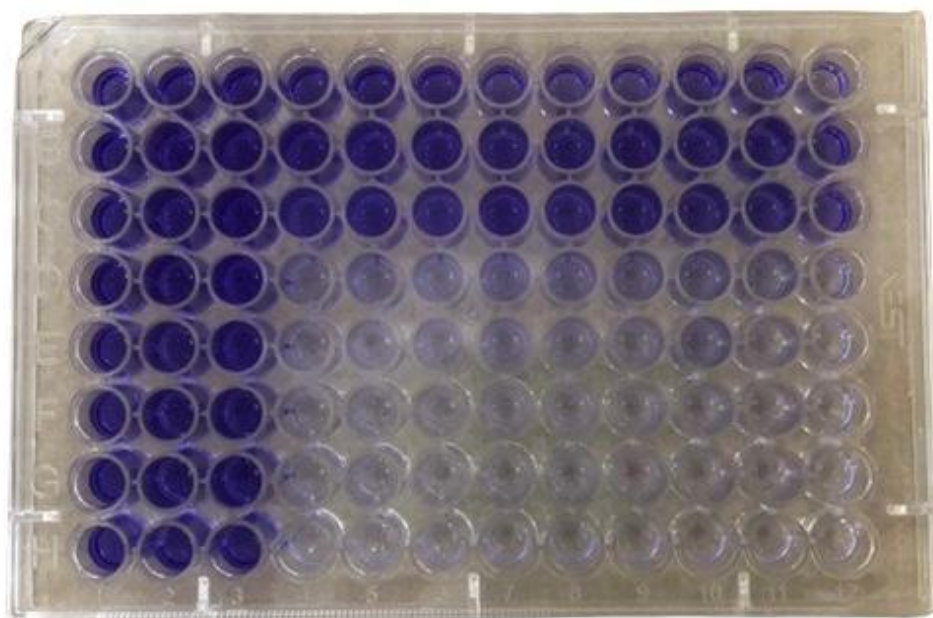


Figure S5. 96-well plate of HeLa cells after 72 h of incubation with the different nanomaterials and doses, each experiment was measured by triplicated.