Electronic Supplementary Material (ESI) for Nanoscale.

Photo-inducible protein-inorganic nanoparticle assembly for active targeted tumour theranostics

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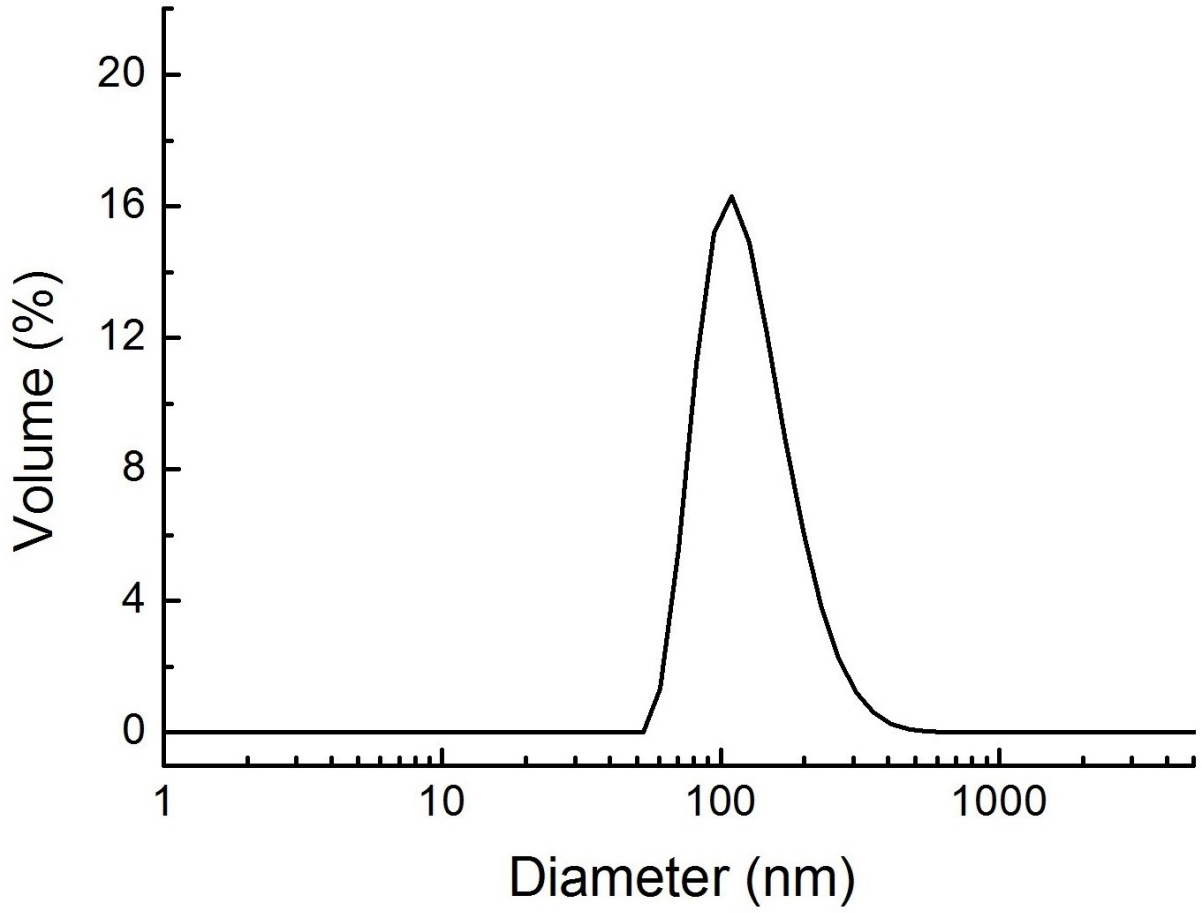

Figure S1: The DLS particle size profiles for the LYS-PTX-QDs nanoparticles. The nanoparticles were prepared with 2 mg/mL LYS, 0.35 mg/mL PTX, and 2 μg/mL QDs, with UV illumination at 2 mW/cm^2 for 6 minutes.

Table S1. Particle size and polydispersity index (PDI) of *in vitro* and *in vivo* used protein and protein-inorganic hybrid nanoparticles as determined by DLS.

nanoparticles	Size (nm)	PDI
LYS/NPs	77.5	0.128
LYS-QDs/NPs	90.8	0.146
LYS-QDs-cRGD/NPs	91.7	0.152
LYS-PTX-QDs /NPs	95.4	0.134
LYS-PTX-QDs-cRGD/NPs	97.5	0.143

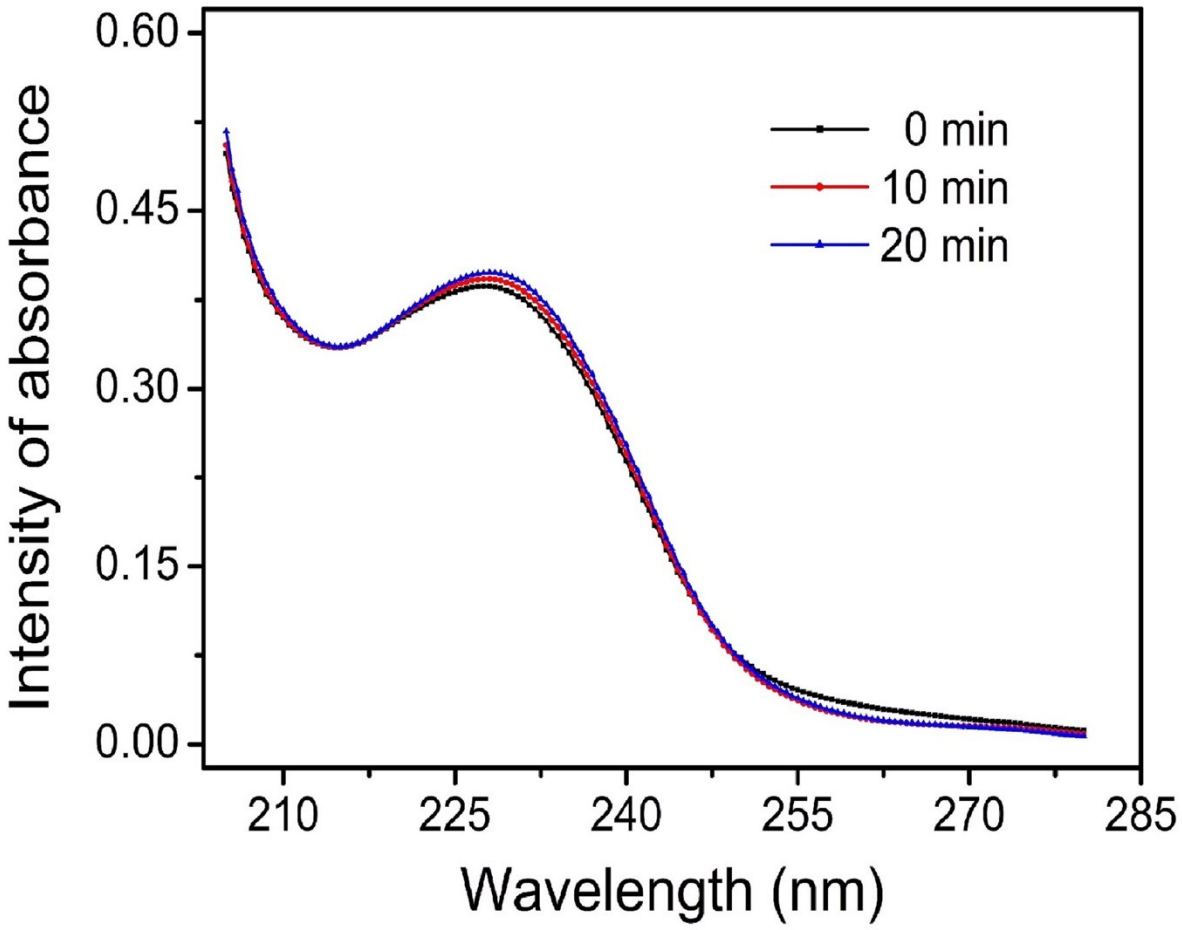

Figure S2: The absorbance spectra of 0.05 mg/mL PTX with UV illumination (2 mW/cm^2) for 0, 10, and 20 minutes.