

Supporting Information

Controllable synthesis of rare earth(Gd^{3+} , Tm^{3+}) doped Prussian blue for multimode imaging guided synergistic treatment

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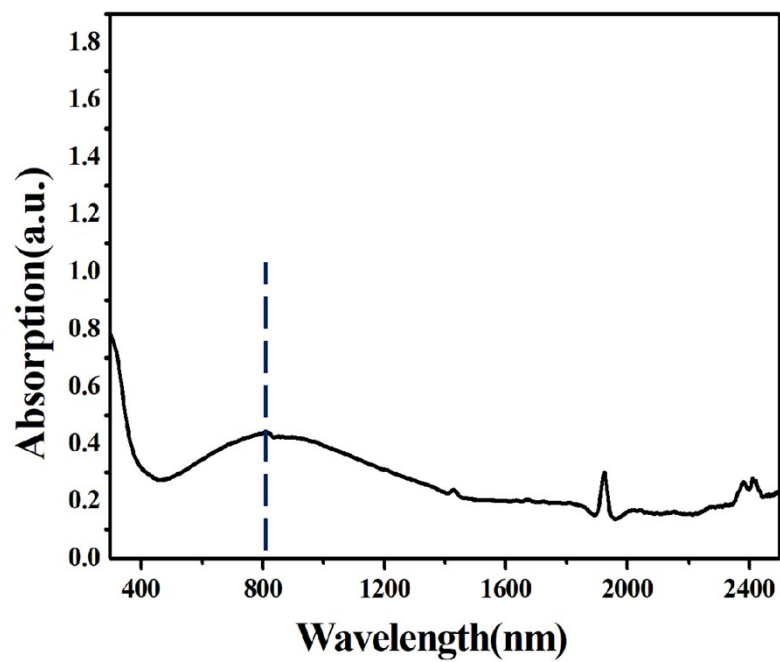


Fig S1. UV-vis-NIR spectra of Gd / Tm PB (Tm25%) aqueous solutions.

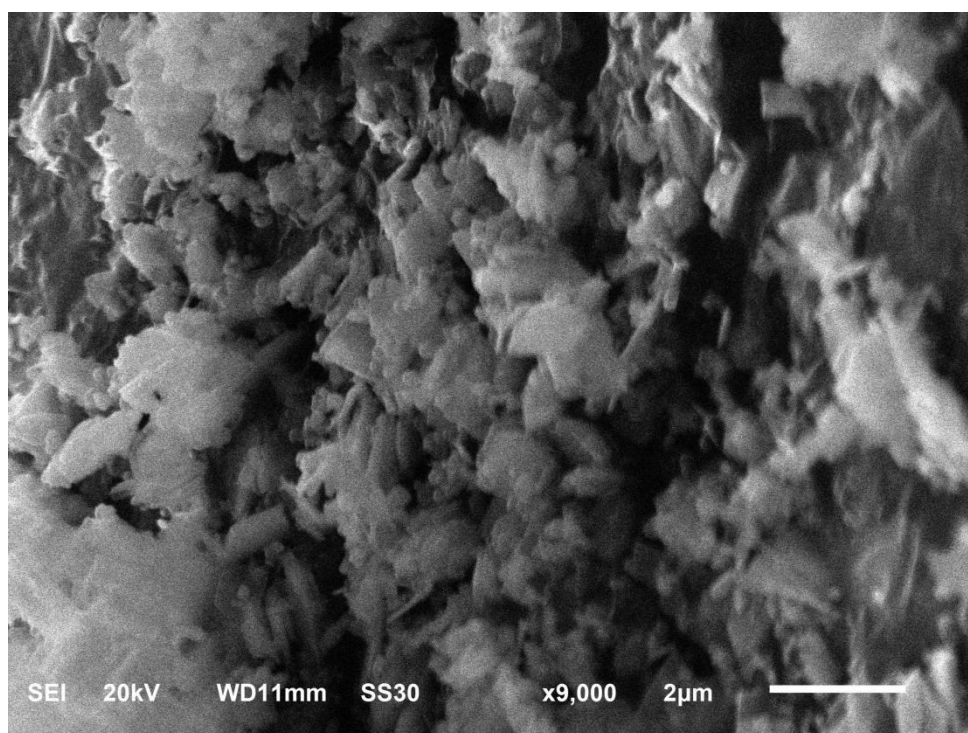


Figure S2. SEM of Gd/Tm-PB@ZIF-8/PDA

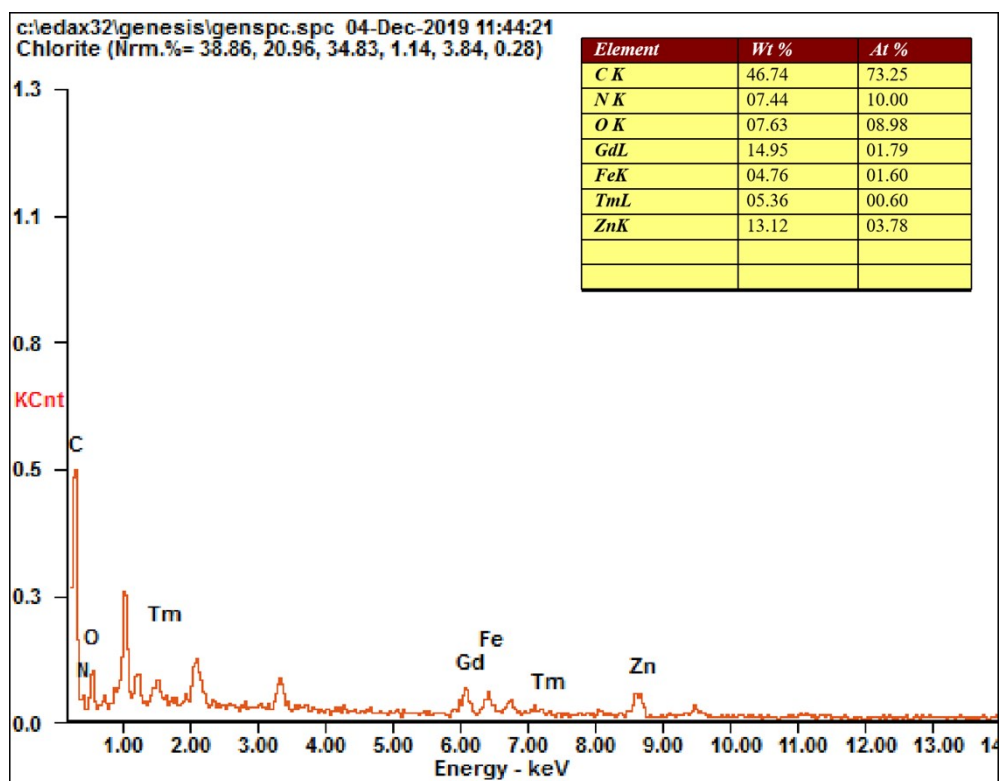


Figure S3 EDX spectrum of Gd/Tm-PB@ZIF-8/PDA

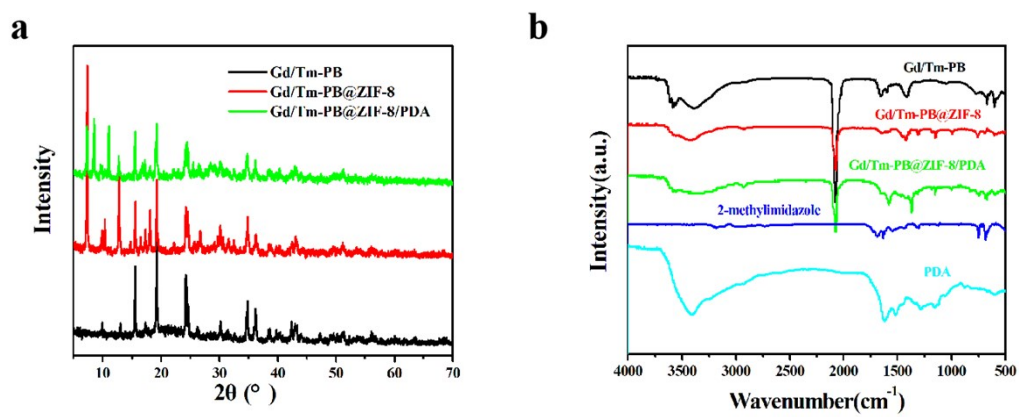


Figure S4 XRD patterns (a) and FT-IR spectra (b).

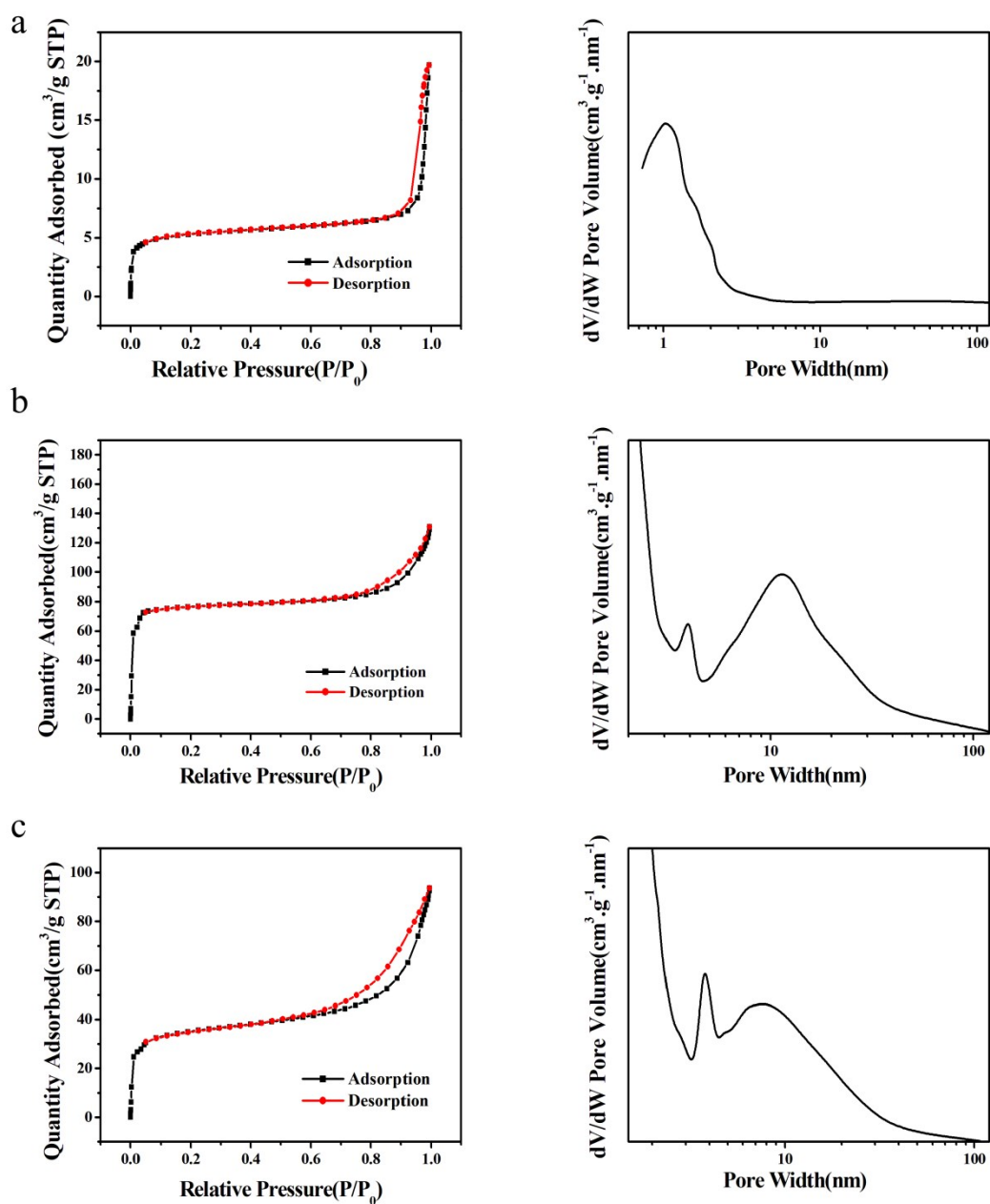


Figure S5 N_2 sorption-desorption isotherms of the as-prepared Gd/Tm-PB (a), Gd/Tm-PB@ZIF-8 (b) and Gd/Tm-PB@ZIF-8/PDA (c) Nanoparticles measured at 77 K.

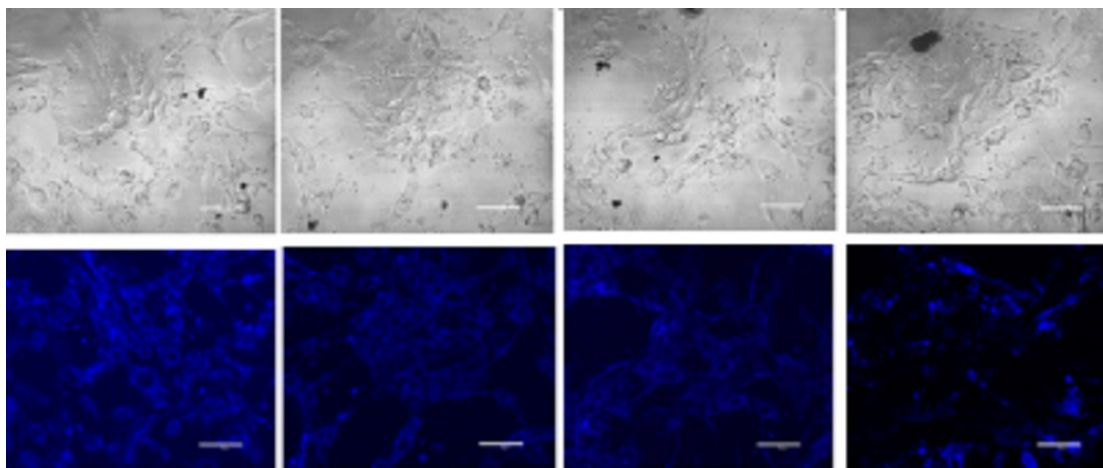


Figure S6 Confocal laser scanning microscope (CLSM) of Gd/Tm-PB@ZIF-8/PDA.

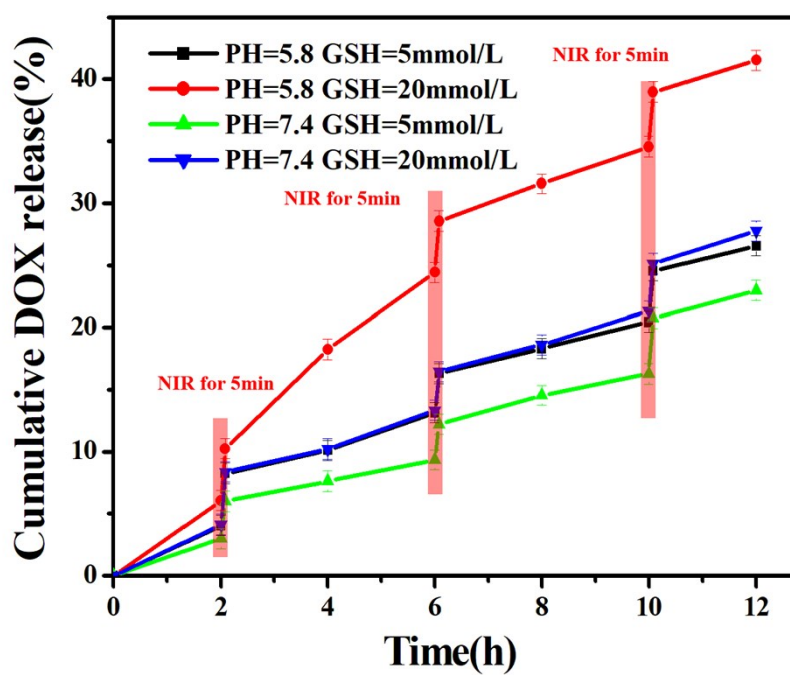


Figure S7. NIR-triggered release of DOX. The samples were irradiated with an NIR laser (1.5 W cm^{-2}) for 5 min at different time points as indicated by the arrows.

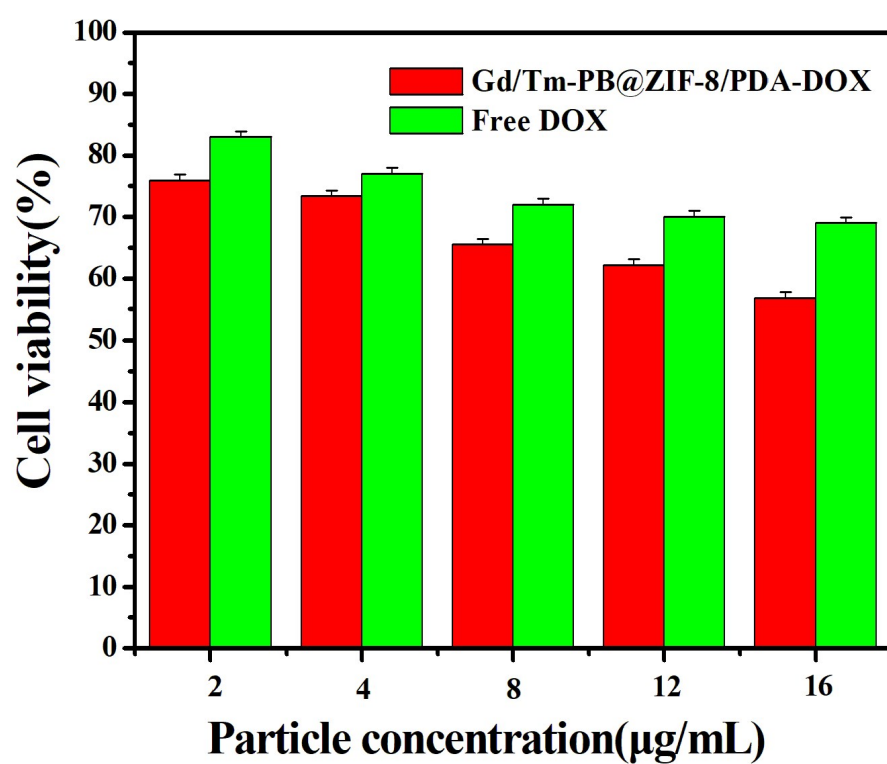


Figure S8 The cytotoxicity of DOX loaded Gd/Tm-PB@ZIF-8/PDA and free DOX in Hela cells .