

Supporting information

Trimodal Magnetic Navigation-Enhanced Nanoplatfom for Spatiotemporally Controlled Chemo-Photodynamic Synergistic Cancer Therapy

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1. Supplementary figures

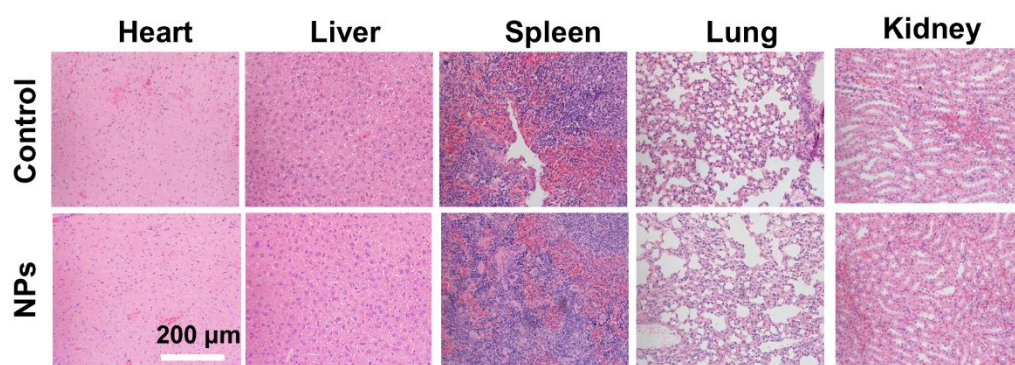


Figure S1. H&E staining images of mouse organs with different treatments after 60 days.

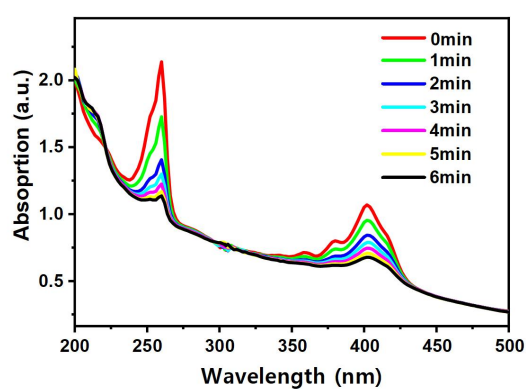


Figure S2. UV-vis absorption spectra of singlet oxygen probe (ABDA) in the presence of $\text{Fe}_3\text{O}_4@\text{Ce6-DOX}$.

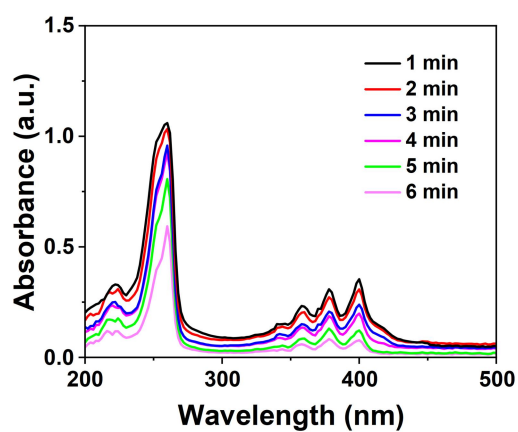


Figure S3: UV-vis absorption spectra of singlet oxygen probe (ABDA) in the presence of free Ce6.

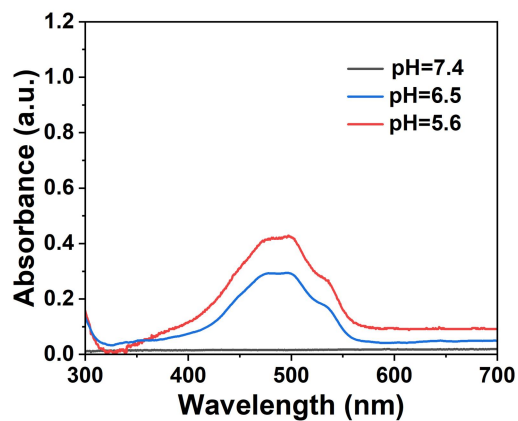


Figure S4: Absorption spectra of $\text{Fe}_3\text{O}_4@\text{Ce6-DOX@liposome}$ under different pH conditions.

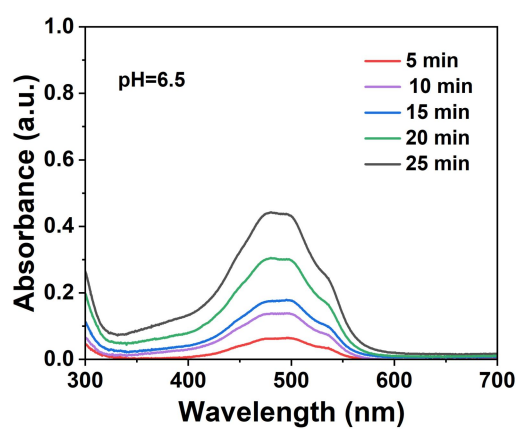


Figure S5: Absorption spectra of $\text{Fe}_3\text{O}_4@\text{Ce6-DOX@liposome}$ release over time at pH 6.5.

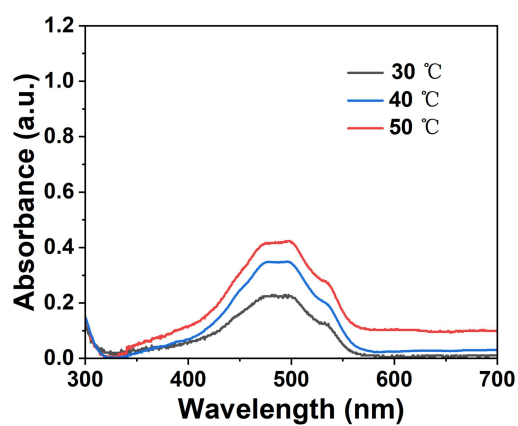


Figure S6: Absorption spectra of $\text{Fe}_3\text{O}_4@\text{Ce6-DOX@liposome}$ release as a function of temperature at pH 5.6.

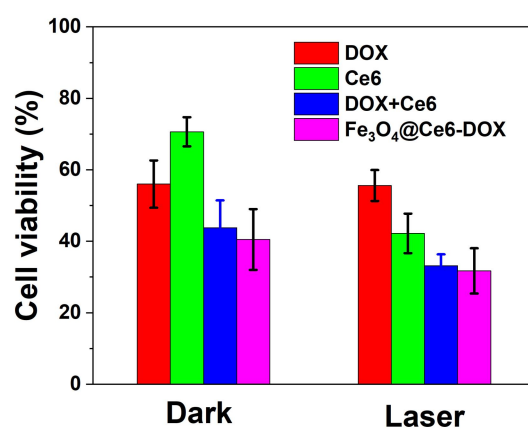


Figure S7. Cell viability data after treatment with different drugs.

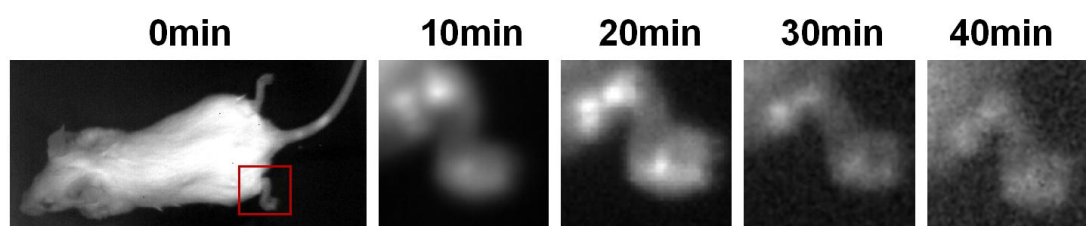


Figure S8. Under magnetic field guidance, the time-dependent accumulation of nanomaterials at tumor sites was observed.

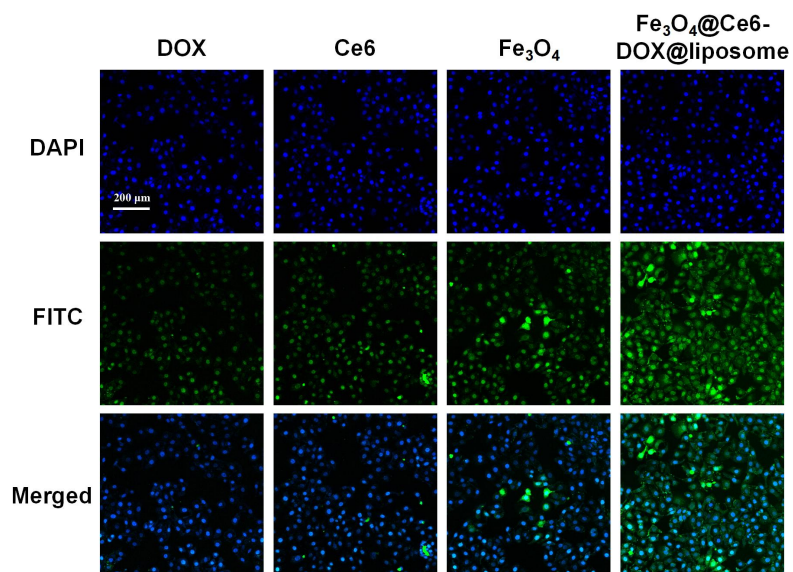


Figure S9. Cellular uptake of different nanoformulations in tumor cells.

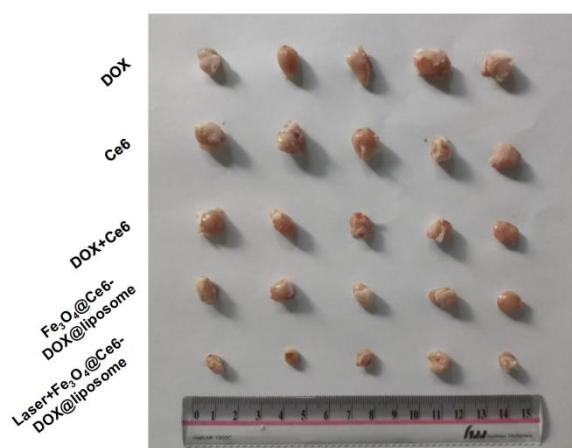


Figure S10. Tumor photographs with different treatments.

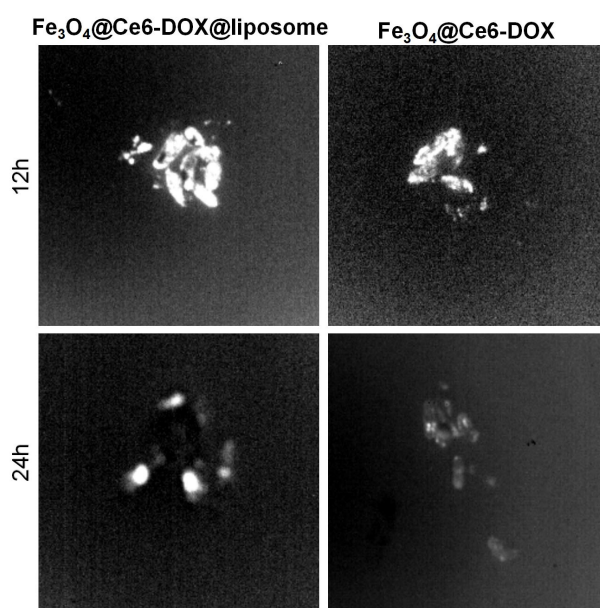


Figure S11: Fluorescence imaging of feces from mice treated with $\text{Fe}_3\text{O}_4@\text{Ce6-DOX@liposome}$ and $\text{Fe}_3\text{O}_4@\text{Ce6-DOX}$ at 12 h and 24 h post-injection.