

Supplementary Information

Magnetically guided survivin-siRNA delivery and simultaneous dual-modal imaging visualization based on Fe₃O₄@mTiO₂ nanospheres for breast cancer

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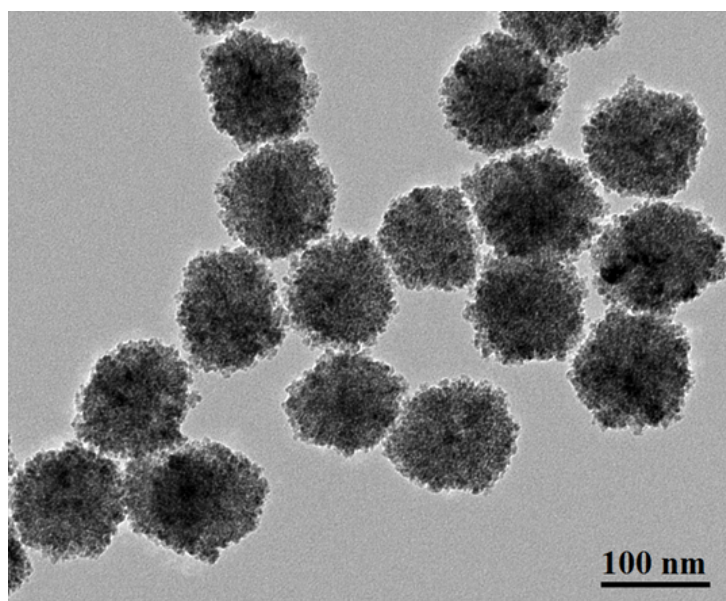


Fig. S1. TEM image of the Fe₃O₄ nanoparticles.

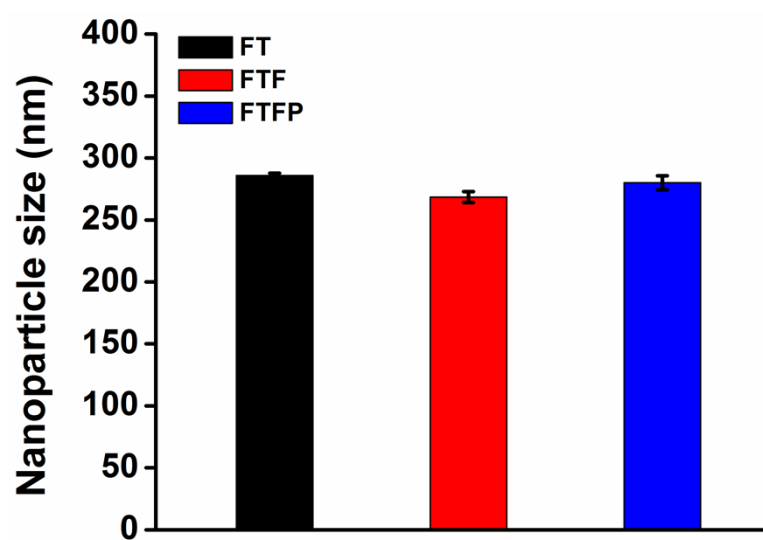


Fig. S2. The sizes of FT, FTF, and FTFP nanoparticles measured by DLS.

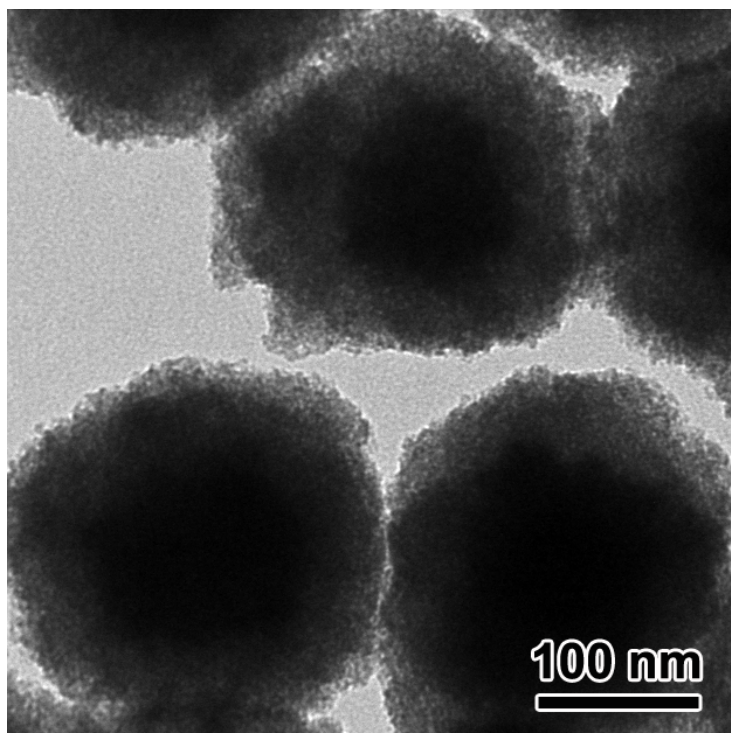


Fig. S3. TEM image of the $\text{Fe}_3\text{O}_4@\text{mTiO}_2/\text{FMN}$ nanoparticles.

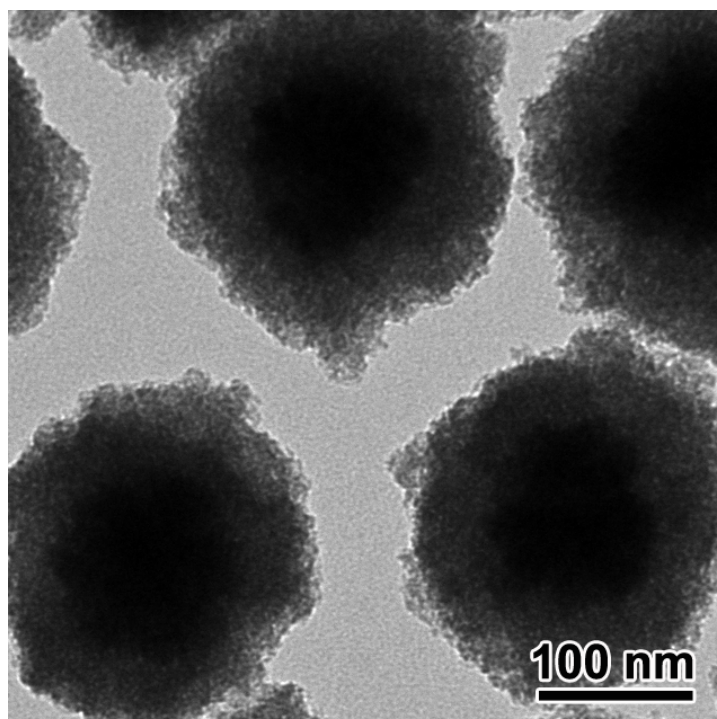


Fig. S4. TEM image of the $\text{Fe}_3\text{O}_4@\text{mTiO}_2/\text{FMN-PEI}$ nanoparticles.

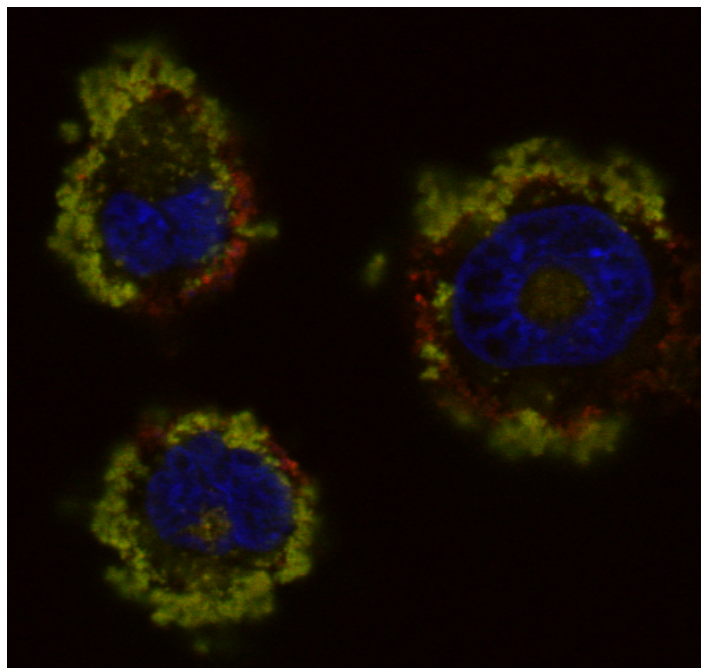


Fig. S5. Intracellular FTFP-siRNA distribution and siRNA release from FTFP nanoparticles. Blue color: the nuclei stained with DAPI; Yellow color: the co-localization of FTFP nanoparticles and siRNA; Red color: the released siRNA.