

Supporting Information

Porous MnFe₂O₄-Decorated PB Nanocomposites: a New Theranostic Agent for Boosted T₁/T₂ MRI-Guided Synergistic Photothermal/Magnetic Hyperthermia

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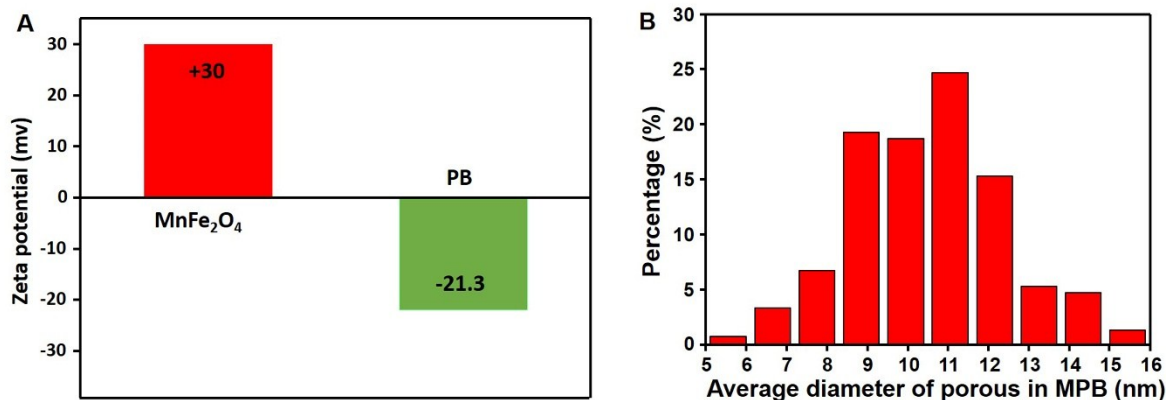


Fig. S1 (A) The zeta potentials of MnFe₂O₄ and PB in water. (B) The average diameter of porous in MPB NPs was measured in SEM images by Nano Measurer.

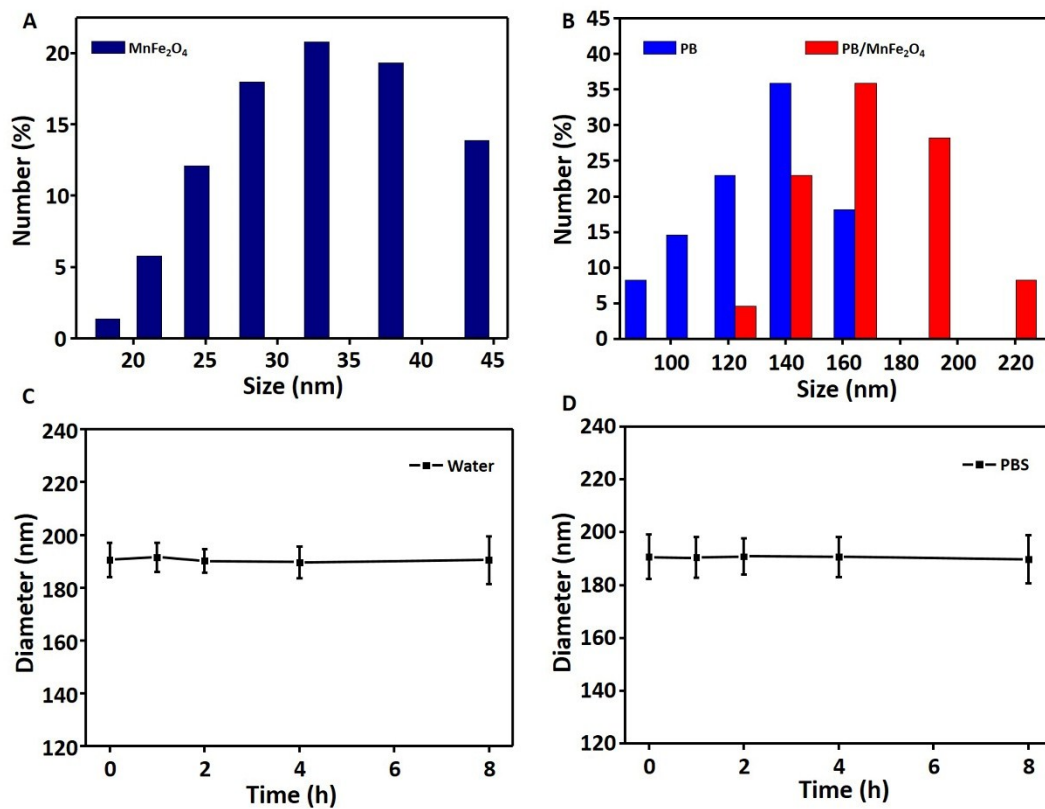


Fig. S2 Hydrodynamic particle size of the MnFe₂O₄ (A), PB and MPB (B) NPs in water; The diameter of MPB NPs in water (C) and PBS (D) at different time intervals.

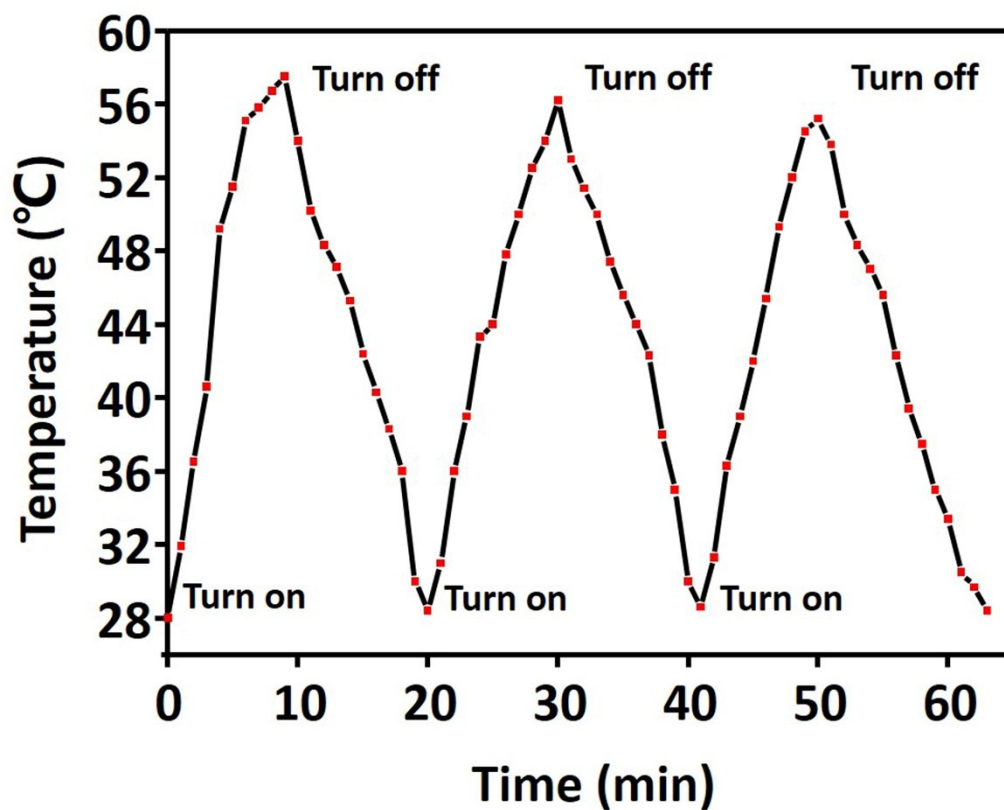


Fig. S3 Temperature variations of the MPB NPs under irradiation of an 808 nm laser (1.0 W cm^{-2}) and AC magnetic field (20A) synergistically for three cycles.

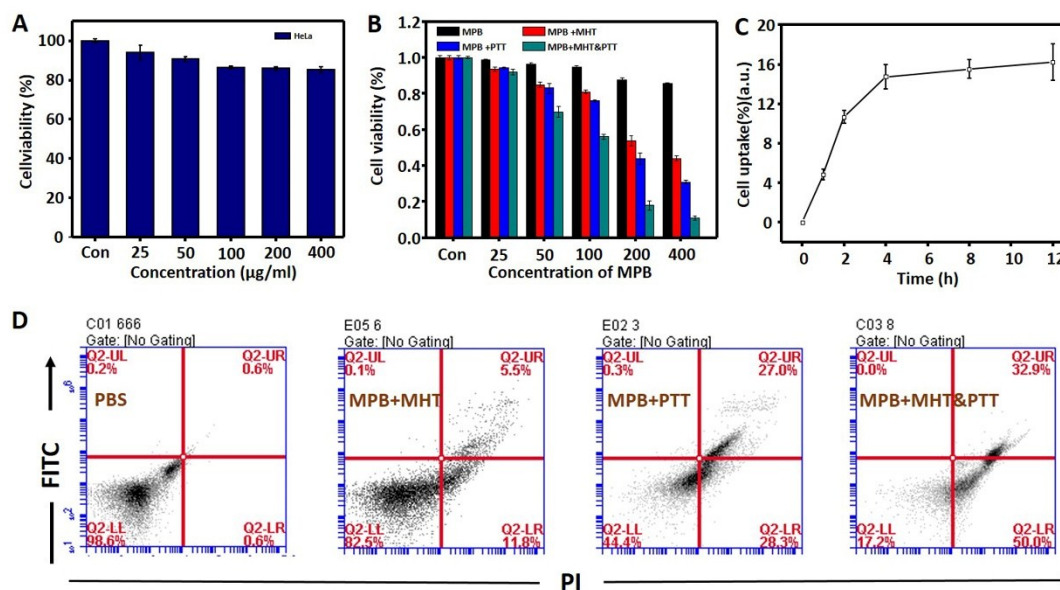


Fig. S4 *In vitro* experiments. (A) *In vitro* cytotoxicity of MPB NPs against HeLa after 24 h incubation. (B)

Cell viability of HeLa cells incubated with MPB, MPB+PTT, MPB+MHT and MPB+MHT&PTT. (C) Cellular uptake of MPB NPs at different time intervals with HeLa cells. (D) Flow cytometry analysis the toxicities of PBS, MPB+MHT, MPB+PTT and MPB+MHT&PTT with HeLa cells.

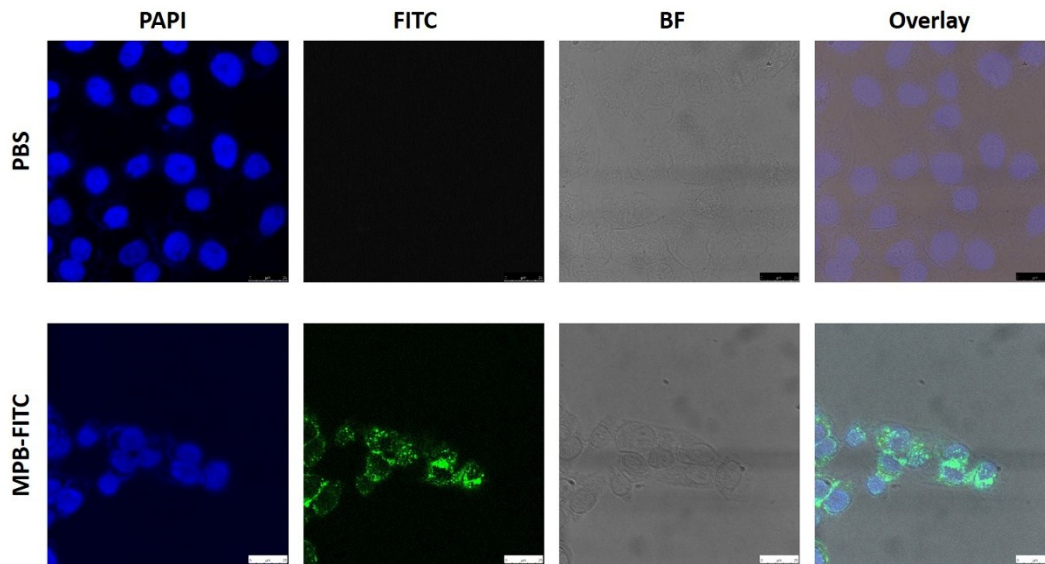


Fig. S5 CLSM images of HeLa cells incubated with PBS and MPB-FITC for 4h. The cells were stained by DAPI (blue) and FITC was green.