Supporting information

Redox-responsive magnetic nanovectors self-assembled from amphiphilic polymer and iron oxide nanoparticles for remotely targeted delivery of paclitaxel

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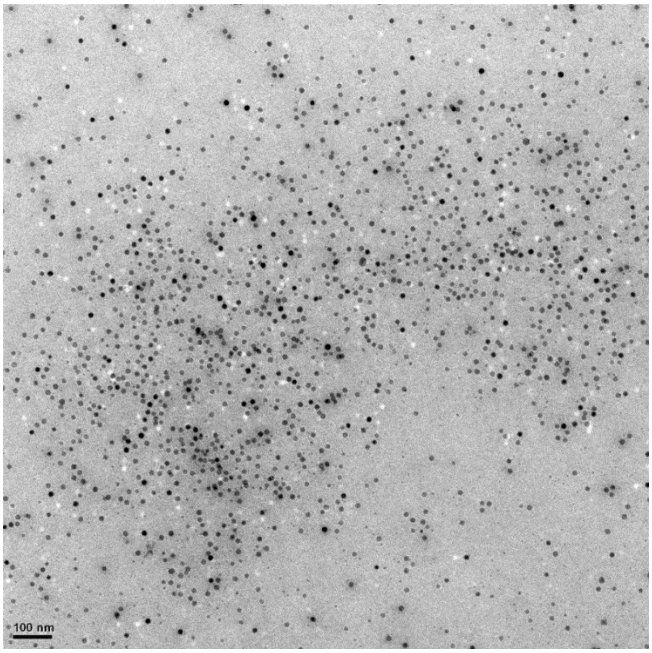

Fig. S1 TEM image of synthesized MNPs through thermal decomposition method.

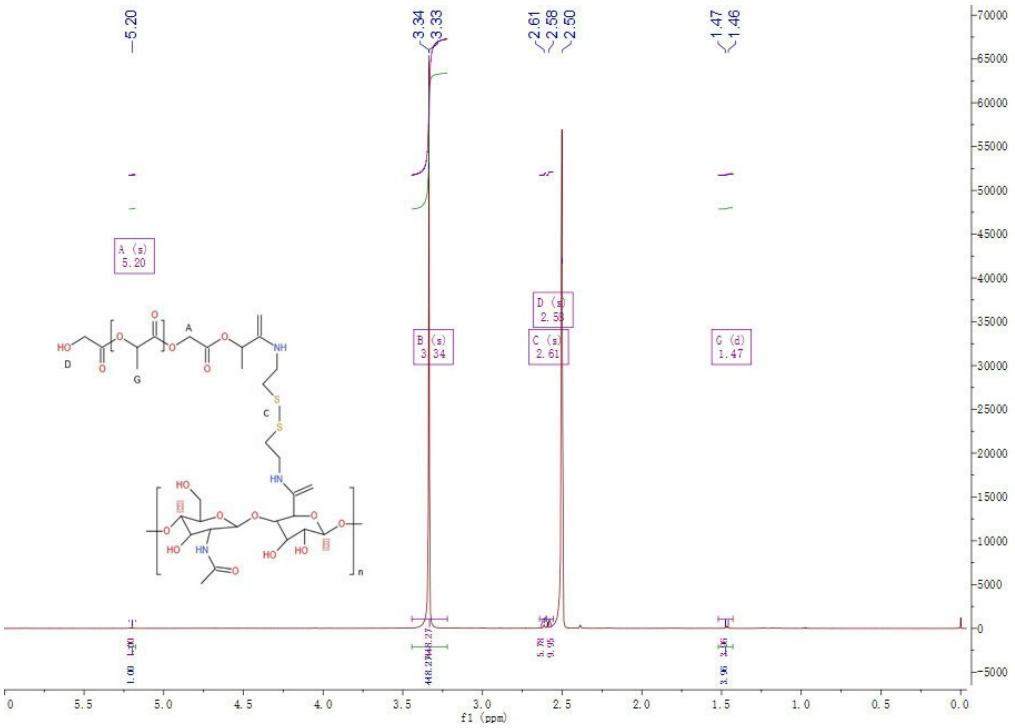

Fig. S2 ^{1}H NMR spectrum of HA-SS-PLA. ^{1}H NMR (601 MHz, DMSO-d6) δ 5.20 (s, 1H), 3.34 (s, 448H), 2.61 (s, 6H), 2.58 (s, 10H), 2.50 (s, 696H), 2.39 (s, 5H), 1.47 (d, J = 10.4 Hz, 4H).

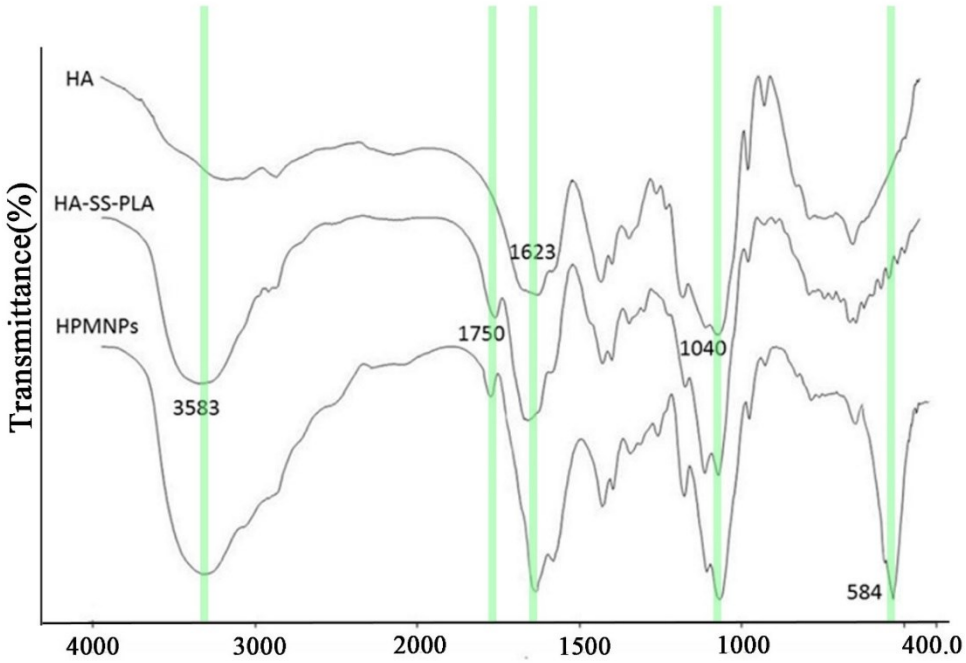

Fig. S3 The FTIR spectrum of HA, HA-SS-PLA and HPMNPs.

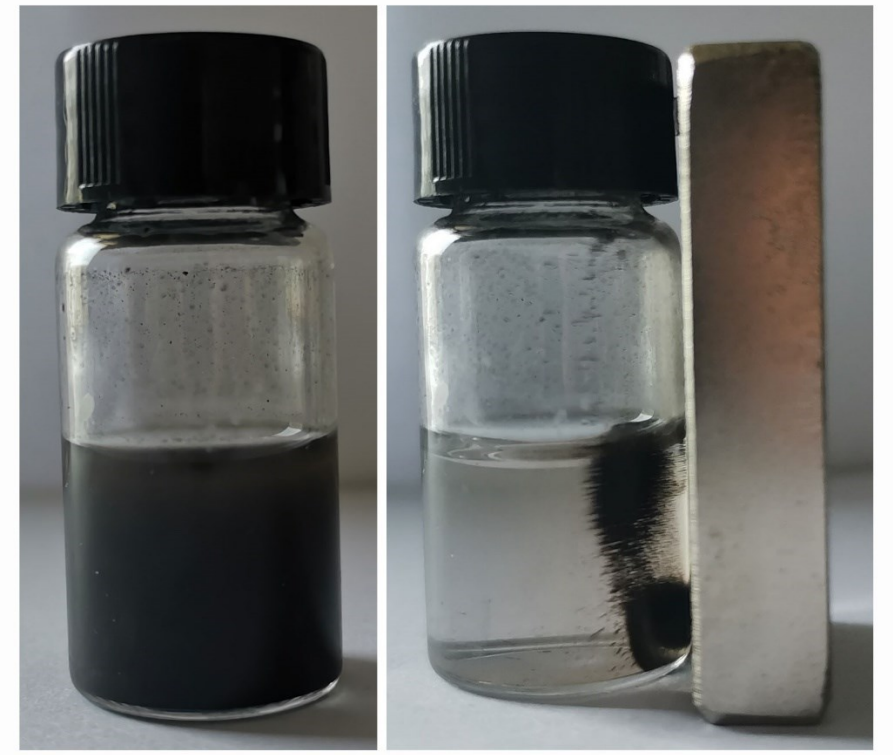

Fig. S4 The photos of PTX@HPMNPs before and after magnet treatment.

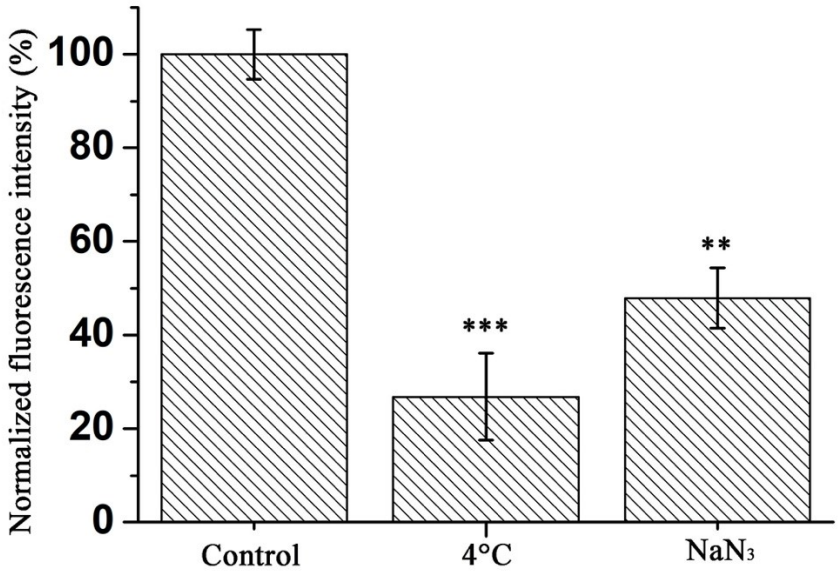

Fig. S5 Energy-dependent cellular uptake of FITC-HPMNPs system (n=6) **P<0.01, ***P<0.01.