

**Amino Acid-Based Supramolecular Nanozyme by Coordination Self-Assembly for Cascade Catalysis and Enhanced Chemodynamic Therapy towards Biomedical Applications**

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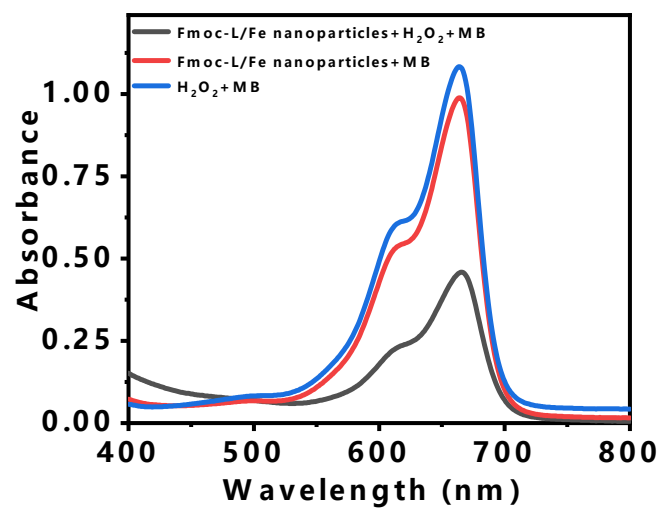


Fig. S1 The change on absorption of MB after treatment of Fmoc-L/Fe nanoparticles in the presence of H<sub>2</sub>O<sub>2</sub> compared with nanoparticles or H<sub>2</sub>O<sub>2</sub> alone.

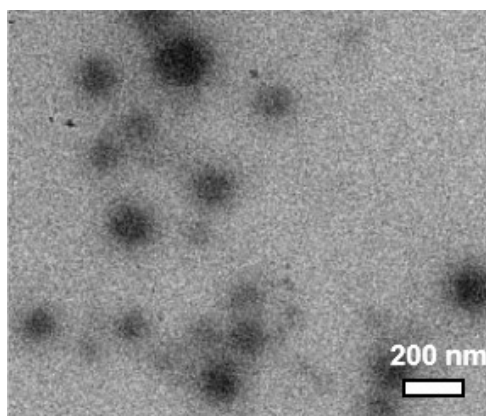


Fig. S2 TEM image of Fmoc-L/Fe/GOx nanoparticles.

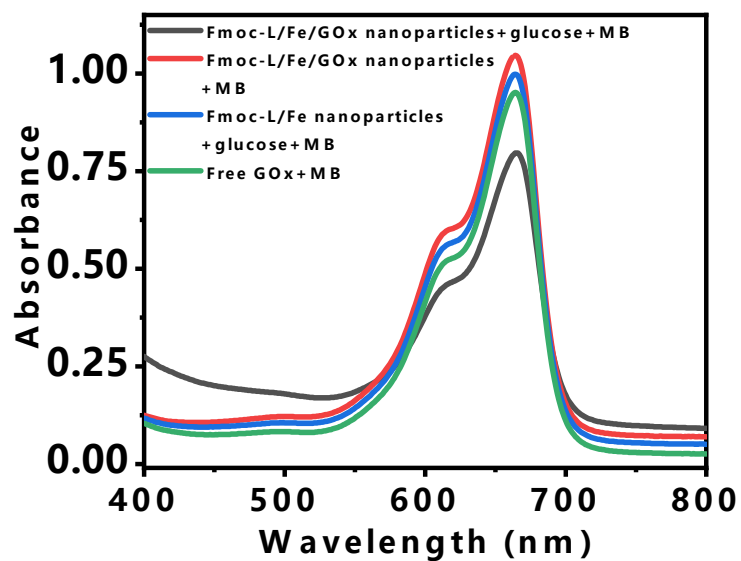


Fig. S3 The change on absorption of MB after treatment of Fmoc-L/Fe/GOx nanoparticles in the presence of glucose.

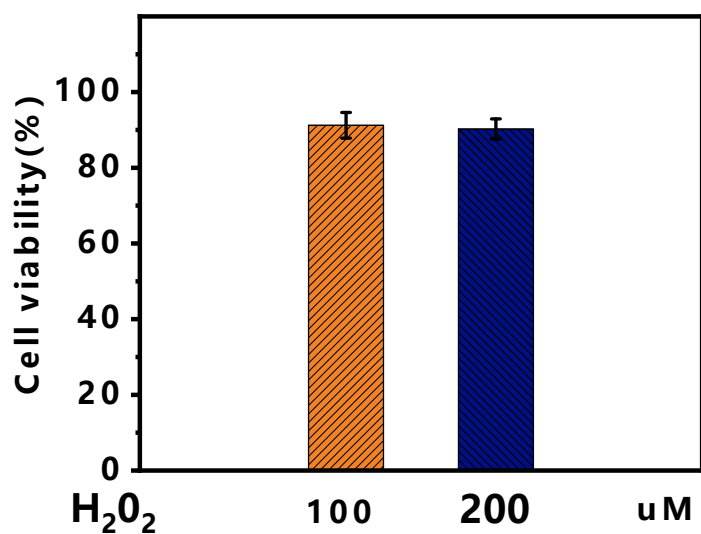


Fig. S4 The cell viability of MCF-7 cells after treatment with different concentration of H<sub>2</sub>O<sub>2</sub>.

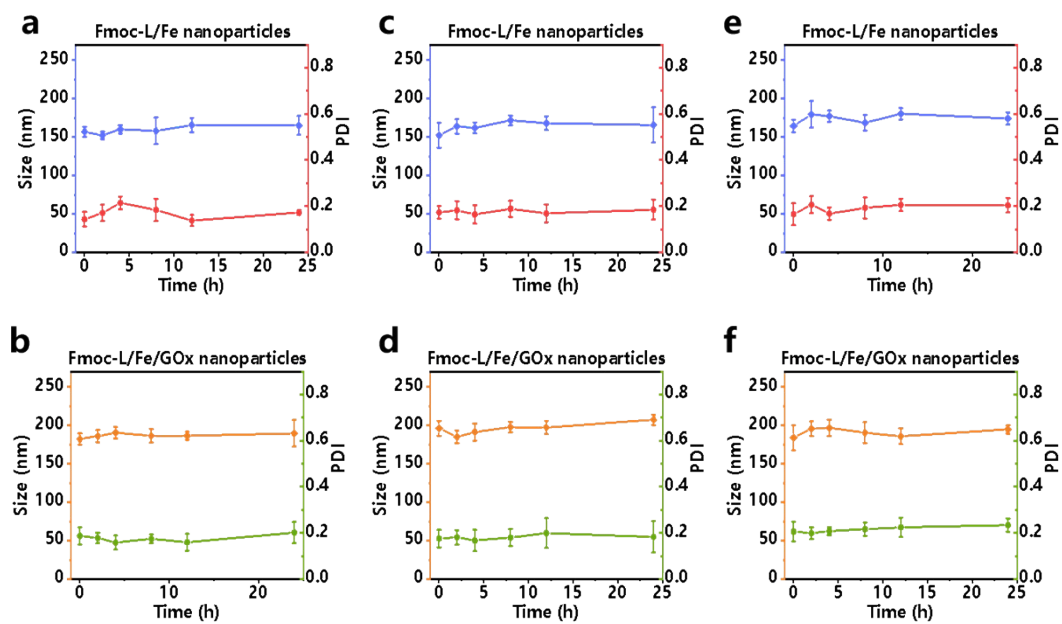


Fig. S5 The changes in the size and polymer dispersity index (PDI) of Fmoc-L/Fe nanoparticles (a) and Fmoc-L/Fe/GOx nanoparticles (b) after 10-fold (v/v) dilutions in water. The changes in the size and PDI of Fmoc-L/Fe nanoparticles (c) and Fmoc-L/Fe/GOx (d) nanoparticles in PBS. The changes in the size and PDI of Fmoc-L/Fe nanoparticles (e) and Fmoc-L/Fe/GOx nanoparticles (f) in DMEM with 10% fetal bovine serum (FBS) at 37 °C.