Electronic Supplementary Material (ESI) for Materials Chemistry Frontiers.

Supporting Informations

Nanozyme Composite with High Near-Infrared Photothermal Ability for Synergistic Bacterial Elimination

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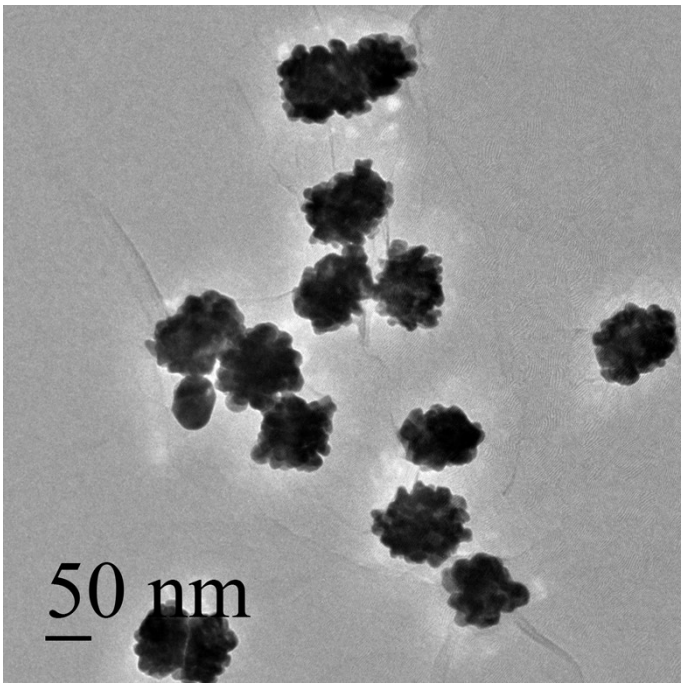

Figure S1. Transmission electron microscopy (TEM) images of rGO-Au NFs.

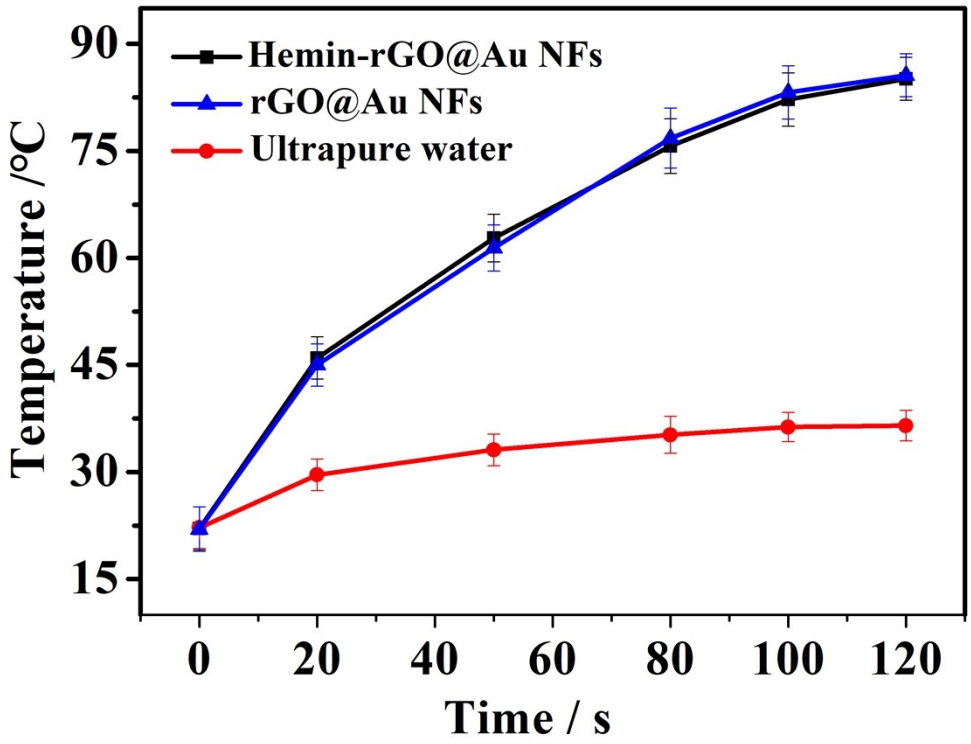

Figure S2. Comparison of photothermal conversion efficiency between Hemin-rGO@Au NFs, rGO@Au NFs and ultrapure water under irradiation with 808 nm laser.

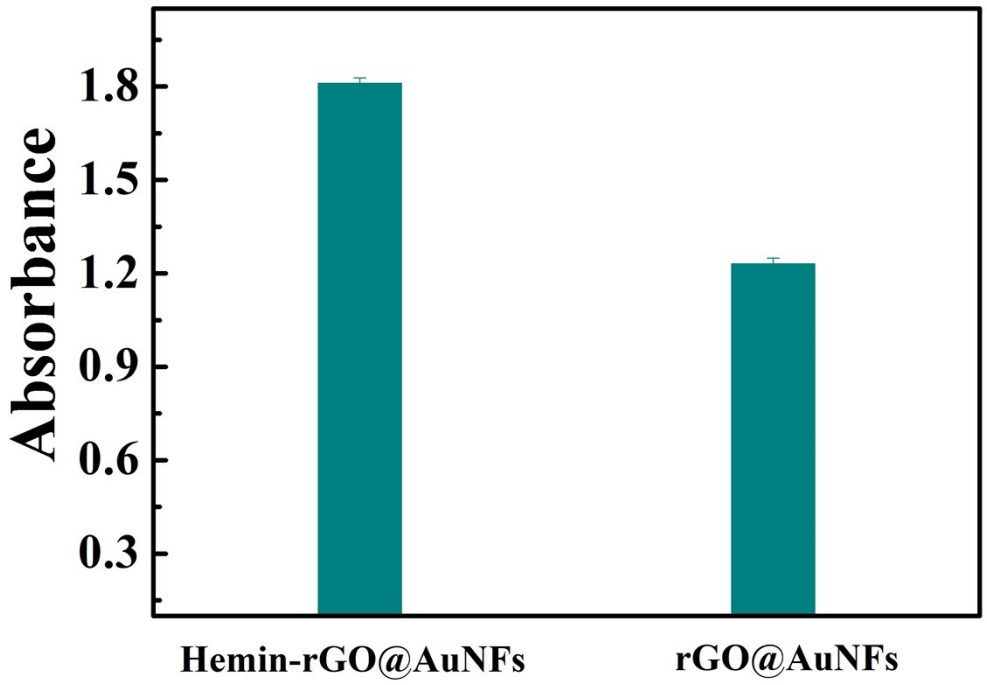

Figure S3. Comparison of catalytic activity between Hemin-rGO@Au NFs and rGO@Au NFs.

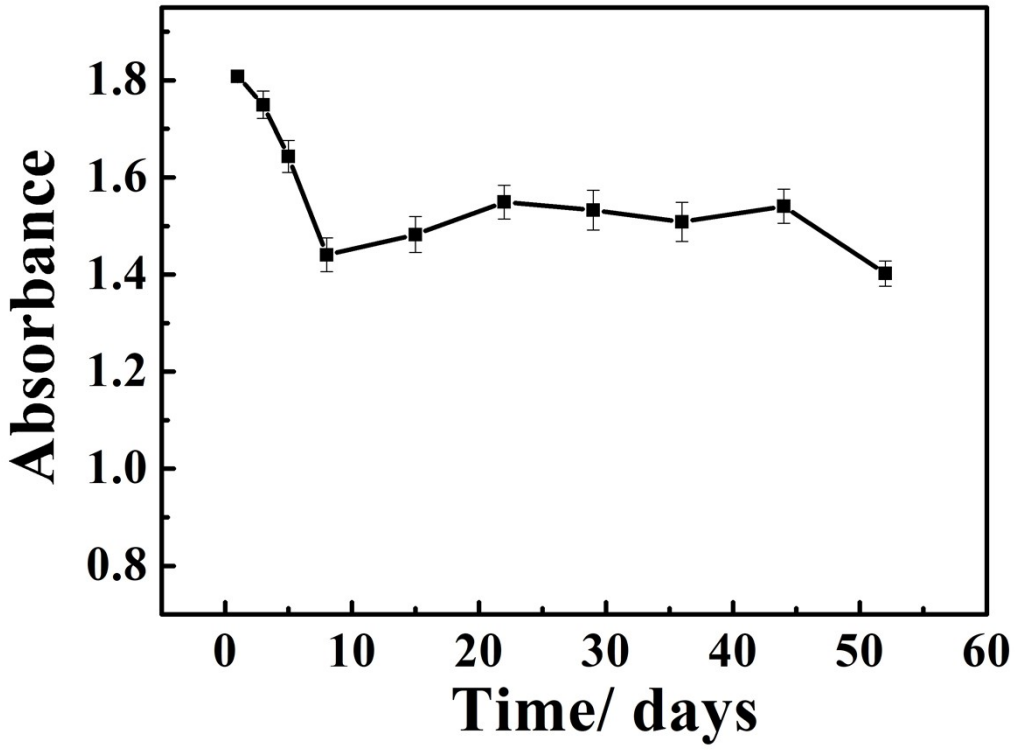

Figure S4. The stability of Hemin-rGO@Au NFs in catalytic activity.

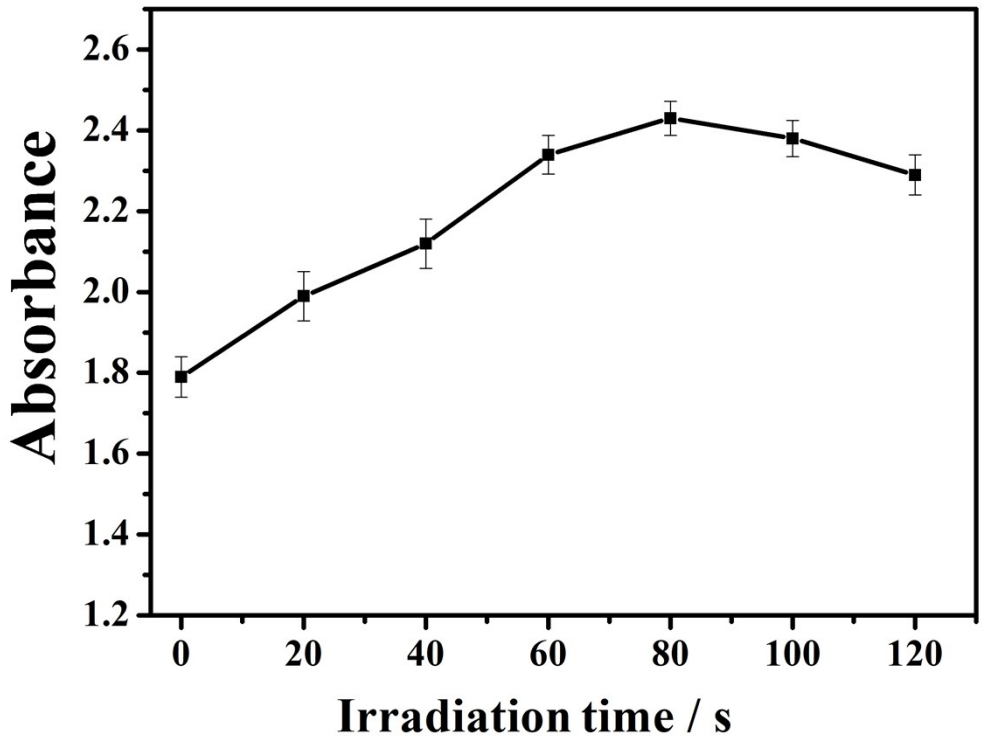

Figure S5. Catalytic activity changes of Hemin-rGO@Au NFs after irradiation treatment.

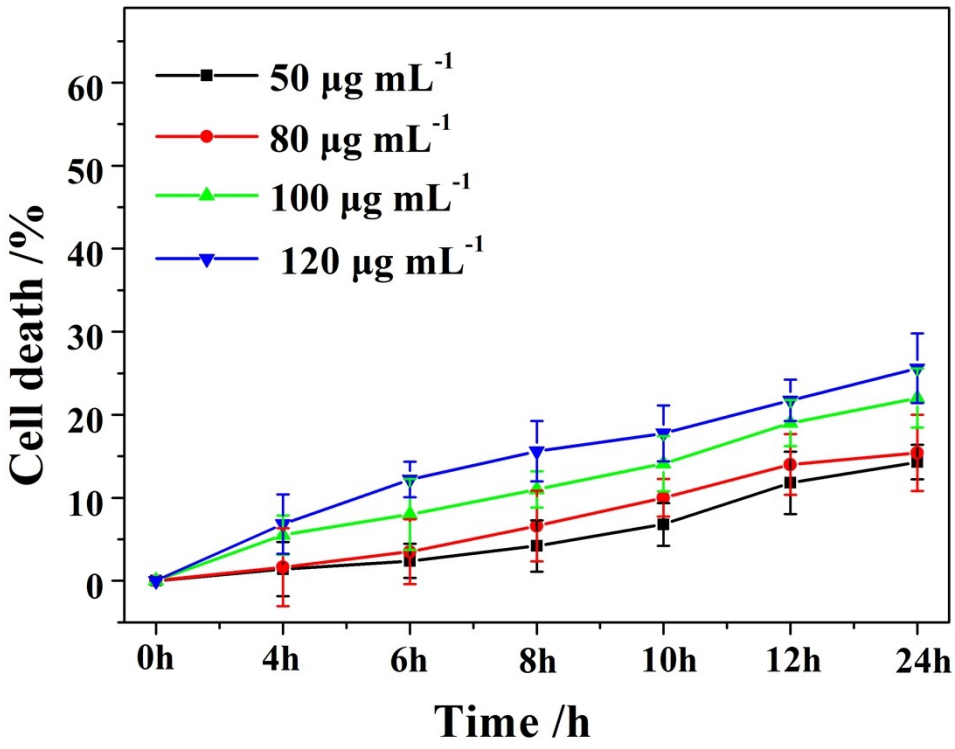

Figure S6. The toxicity of Hemin-rGO@Au NFs with different concentrations on normal cell lines (measured by CCK8 assay).