Electronic Supplementary Material (ESI) for New Journal of Chemistry.

Near infrared triggered cascade reactions for photothermal/chemodynamic synergistic therapy

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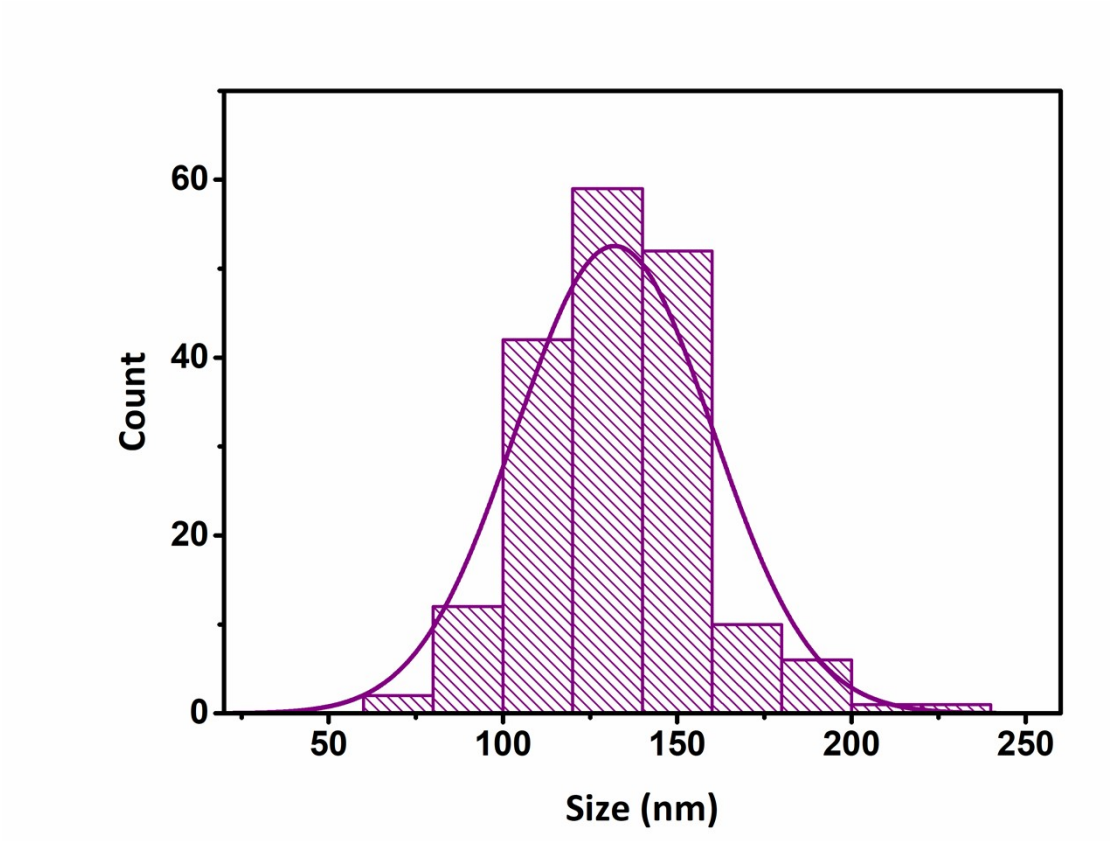

Figure S1. Particle size distribution of HMC nanoparticles.

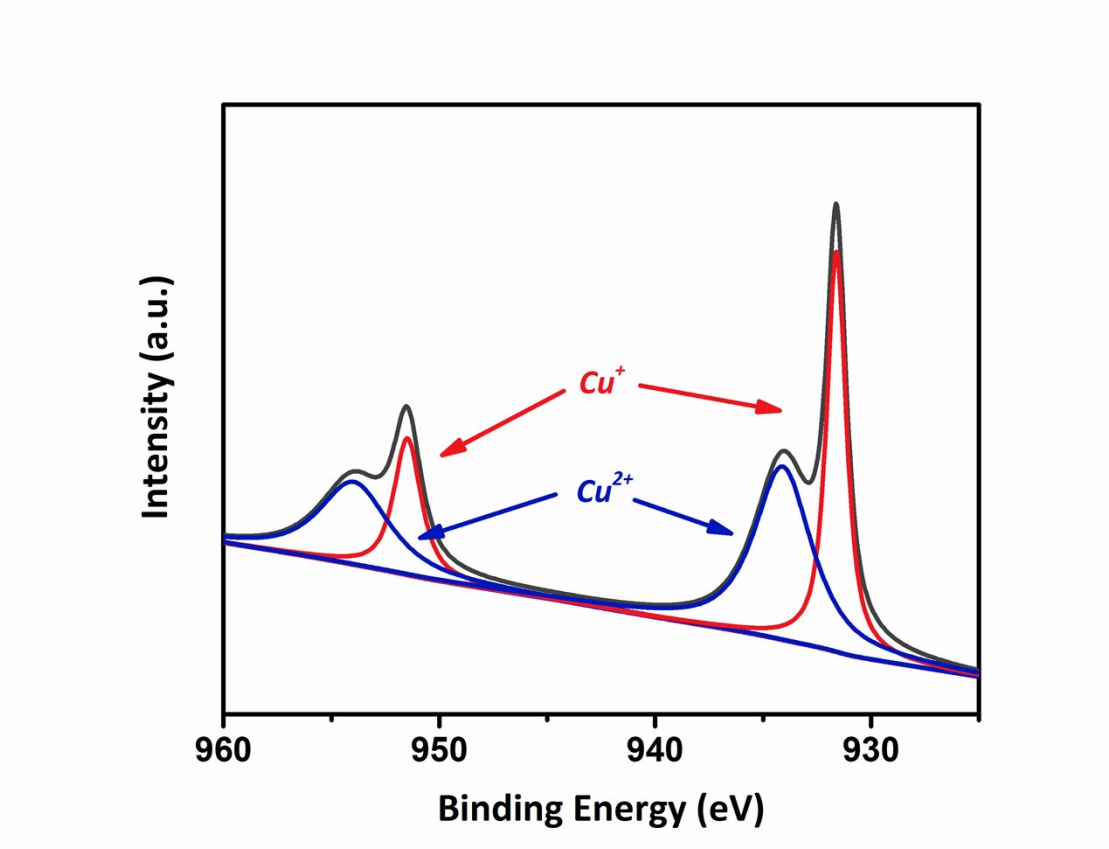

Figure S2. Cu 2p high-resolution XPS spectrum of HMC nanoparticles.

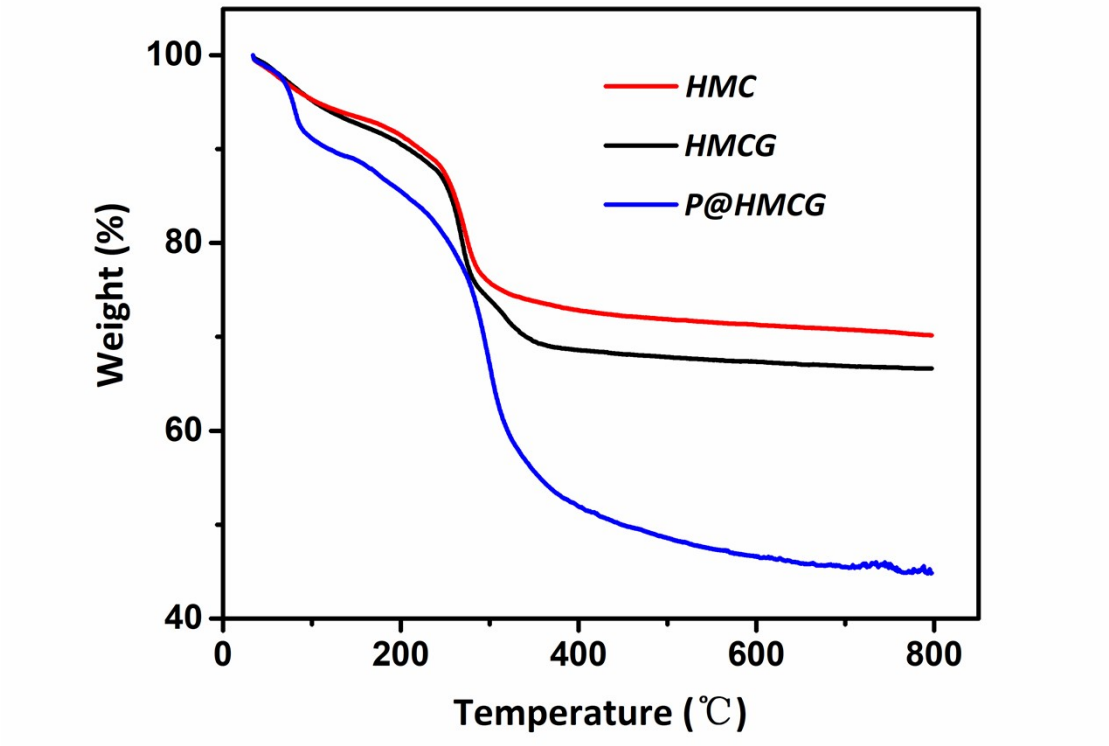

Figure S3. TGA diagrams of MC, HMCG and P@HMCG nanoparticles.

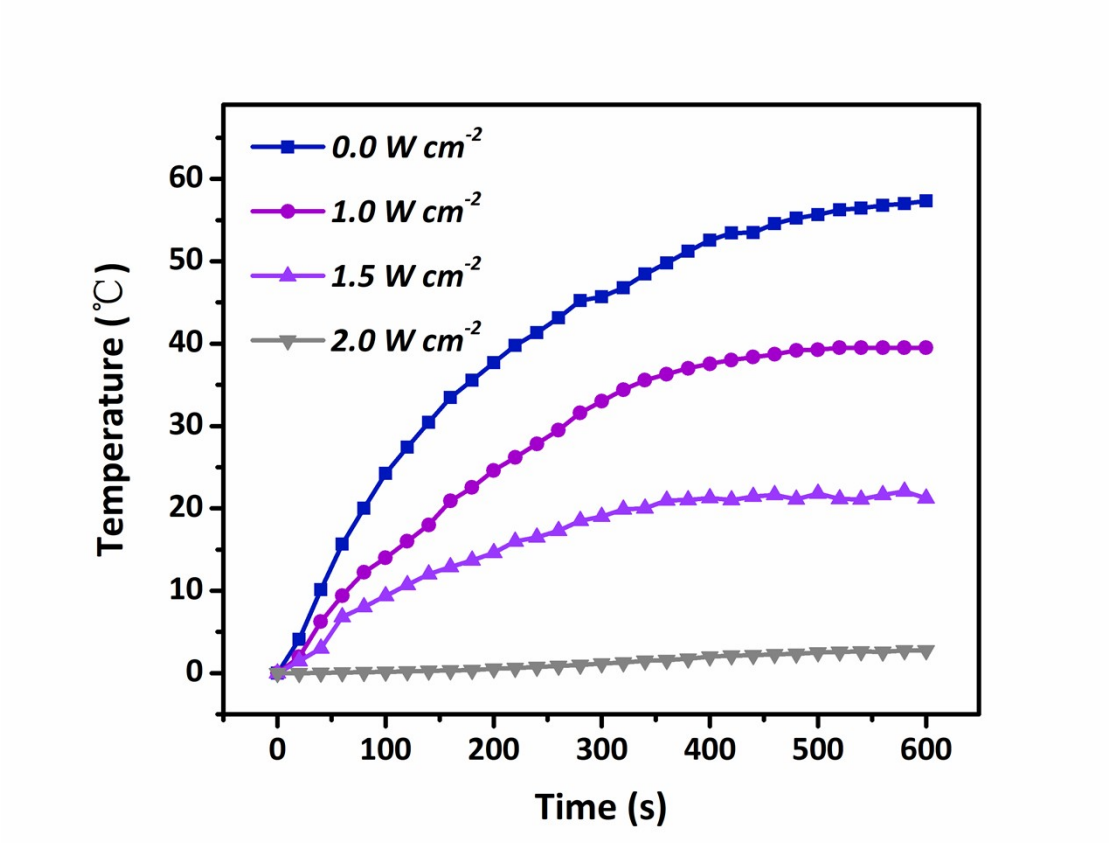

Figure S4. Under the irradiation of 808 nm near-infrared laser with different intensities, the temperature curve of HMC suspension was obtained.

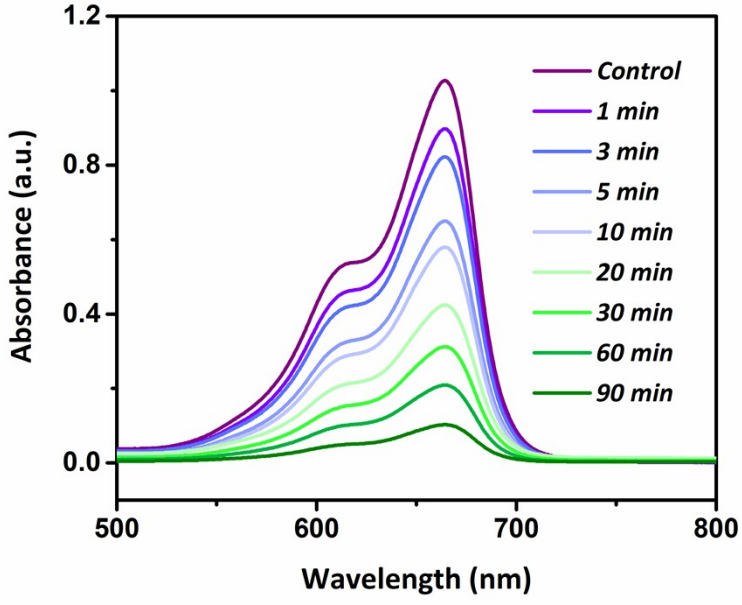

Figure S5. Ultraviolet-visible absorption spectra of MB degraded by Cu+ mediated Fenton-like reaction over time.

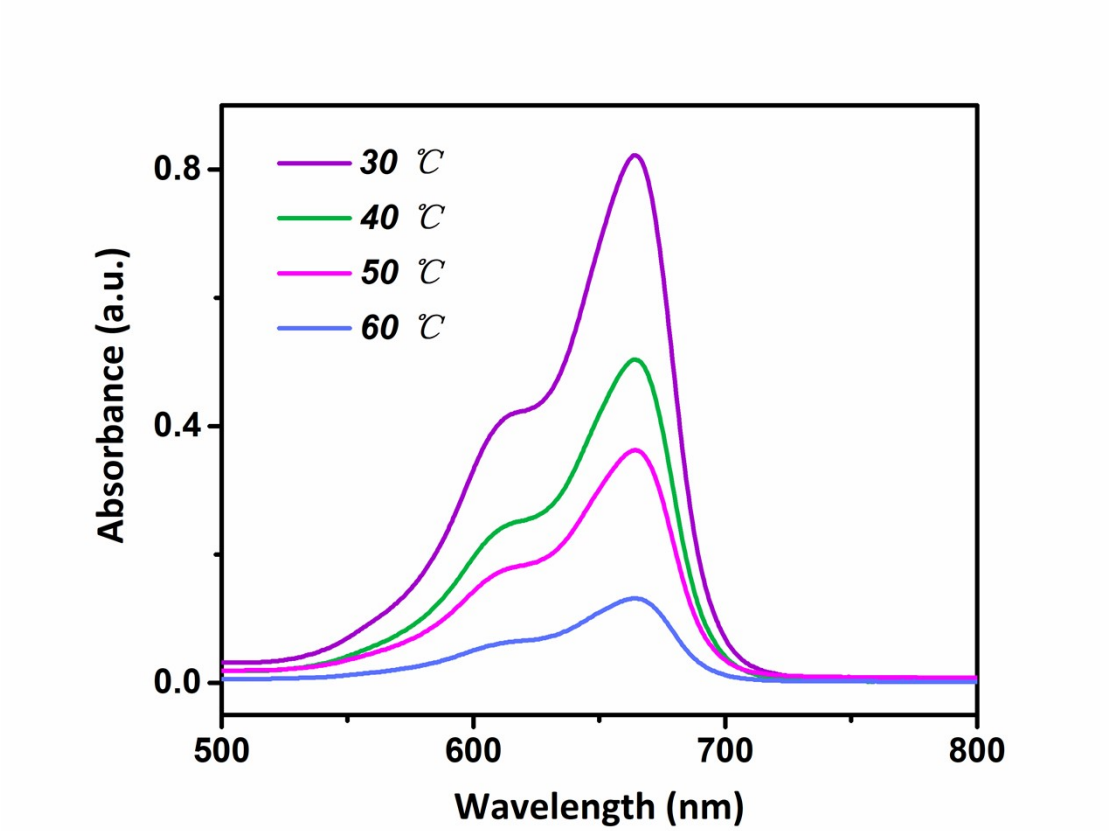

Figure S6. Ultraviolet-visible absorption spectra of MB degraded by Cu+ mediated Fenton-like reaction at different temperatures.

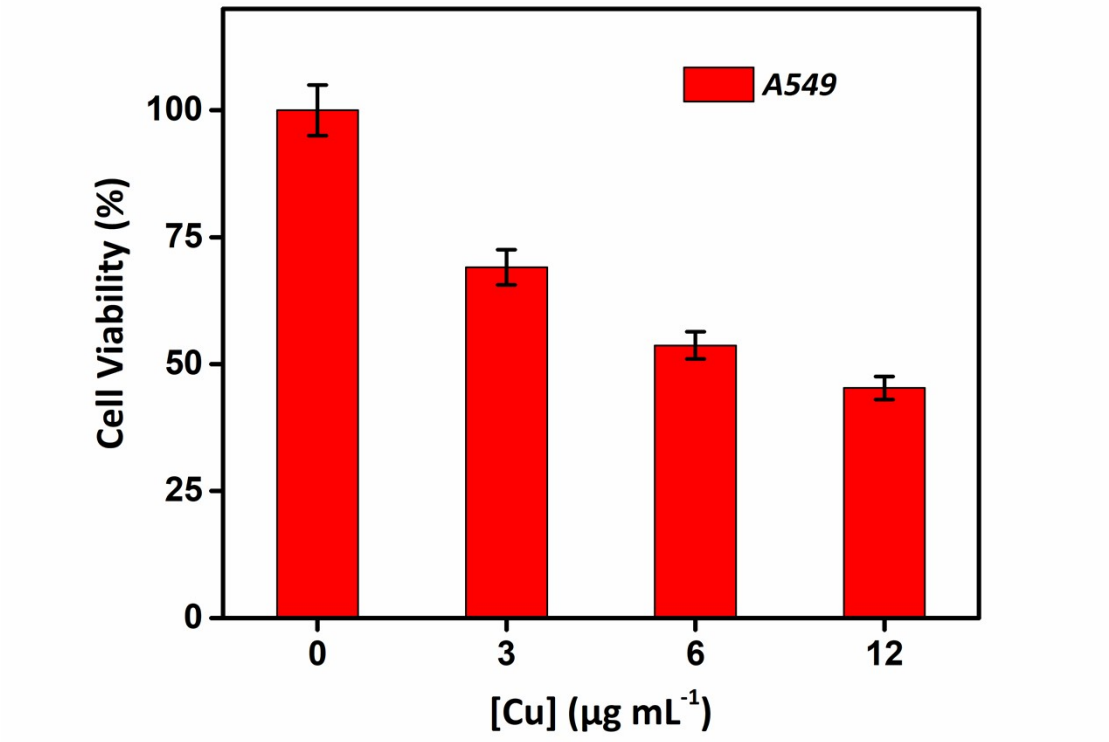

Figure S7. After 24 hours of incubation with different concentrations of Cu2+, the survival rate of A-549 cells.

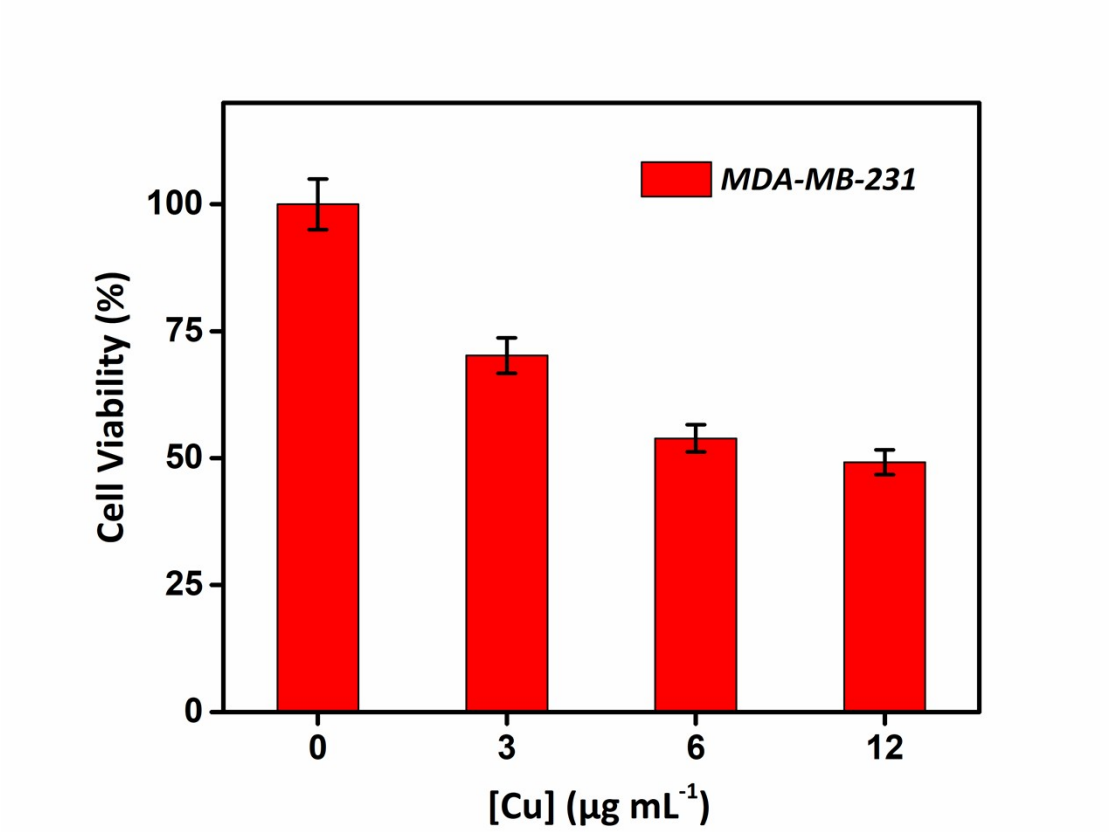

Figure S8. After 24 hours of incubation with different concentrations of Cu2+, the survival rate of MDA-MB-231 cells.

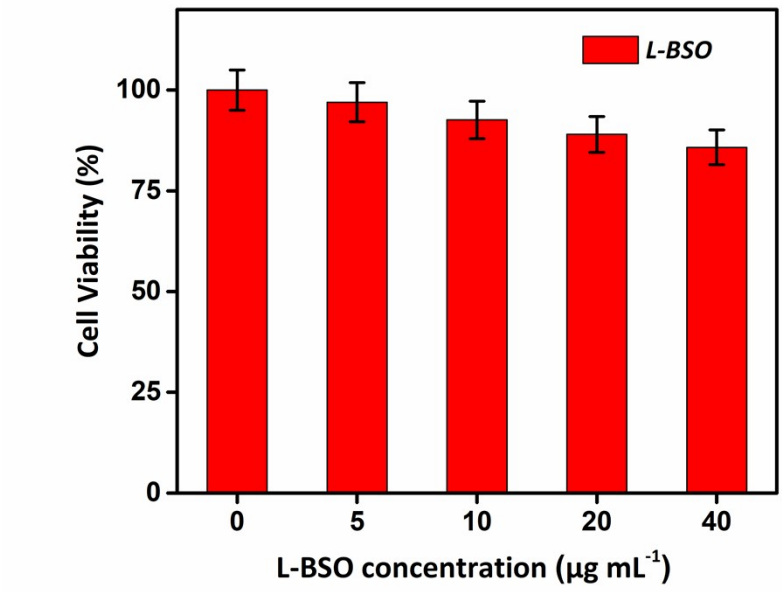

Figure S9. Survival rate of MCF-7 cells after incubation with different concentrations of L-BSO.

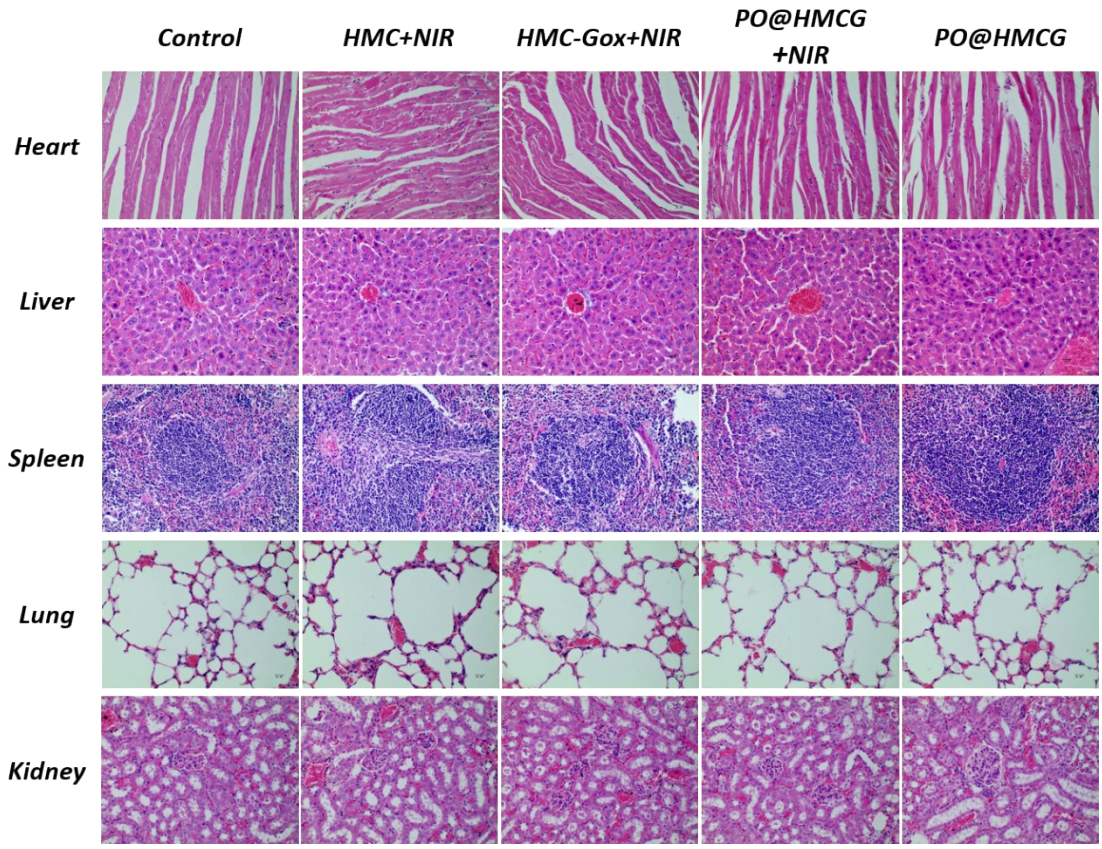

Figure S10. After the treatment, H&E stained images of organ sections of each group. (scale bar: 100 μm)