

Electronic Supplementary Information

Protein-modified hollow copper sulfide nanoparticles carrying indocyanine green for photothermal and photodynamic therapy

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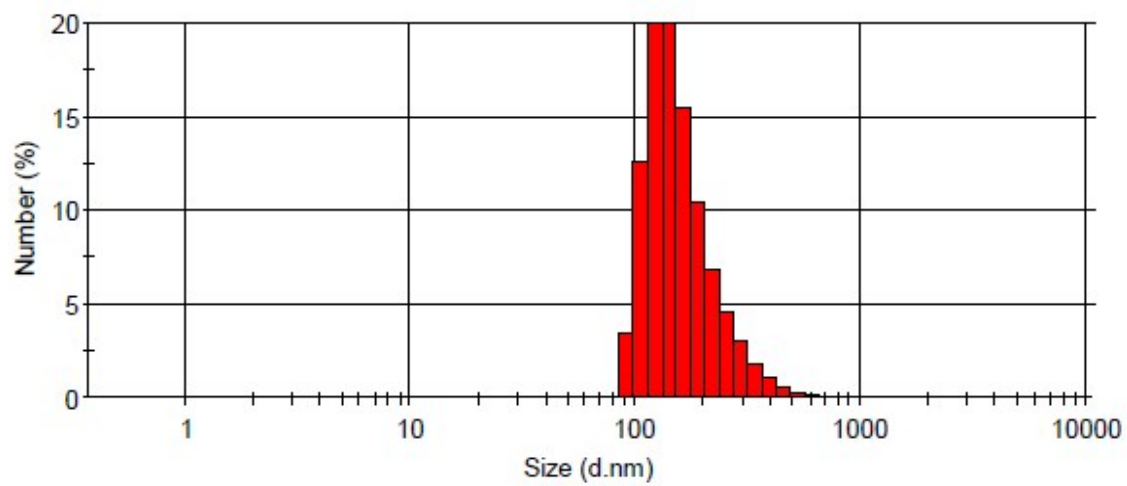


Fig. S1. The size distribution of hollow CuS nanoparticles measured by DLS.

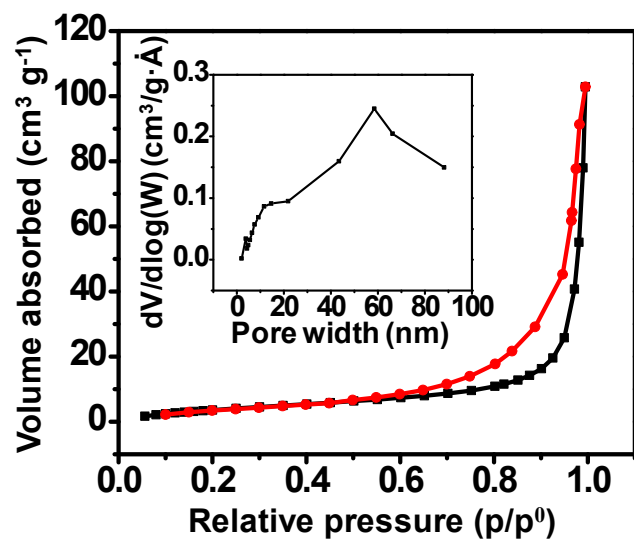


Fig. S2. Nitrogen adsorption-desorption isotherms of the obtained hollow CuS. Inset: pore size distribution of hollow CuS.

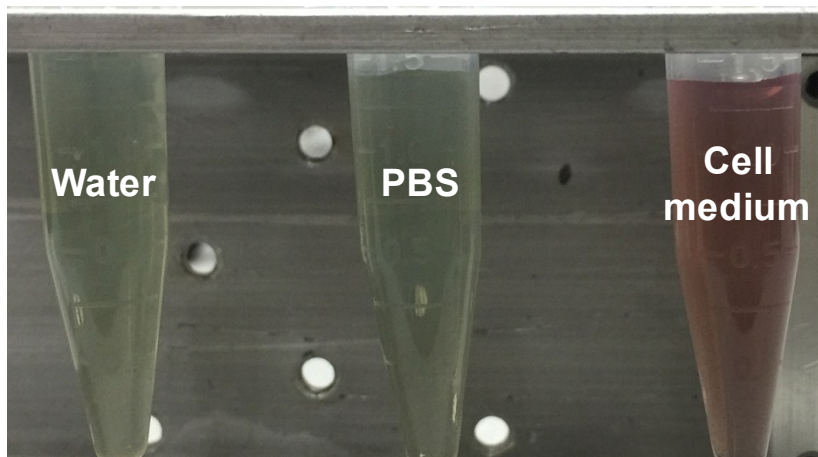


Fig. S3. Digital images of CuS-BSA-FA dispersed in water, PBS and DMEM supplemented with 10% fetal bovine serum ($240 \mu\text{g mL}^{-1}$) for one week.

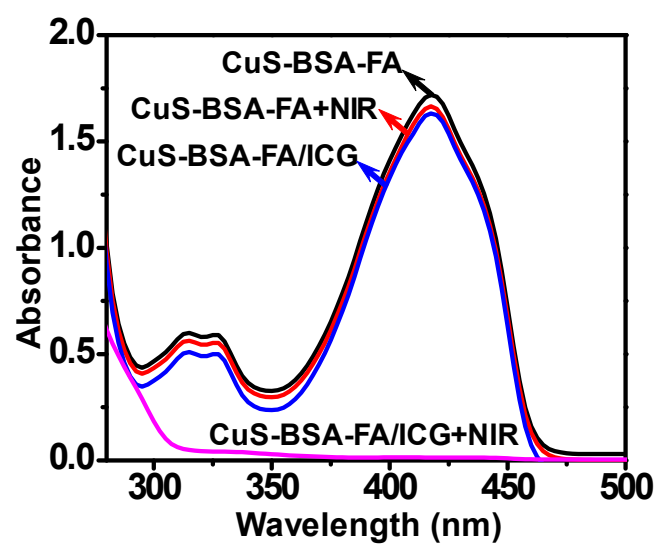


Fig. S4. UV-vis absorption spectra of DPBF (0.08 mM, 1 W cm⁻², 10 min). CuS-BSA-FA: 60 μg mL⁻¹; ICG: 6 μg mL⁻¹; CuS-BSA-FA/ICG: 60 μg mL⁻¹ for CuS-BSA-FA and 6 μg mL⁻¹ for ICG.