

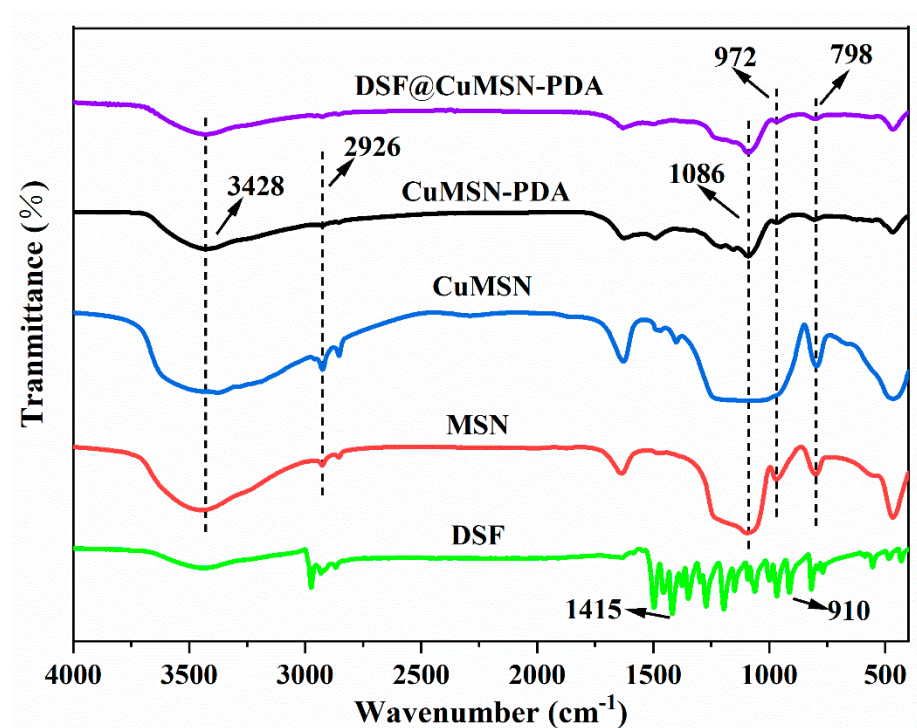
Supplementary Information

# Polydopamine Modified Copper Coordination Mesoporous Silica Nanoparticles Loaded with Disulfiram for Synergistic Chemo-Photothermal Therapy

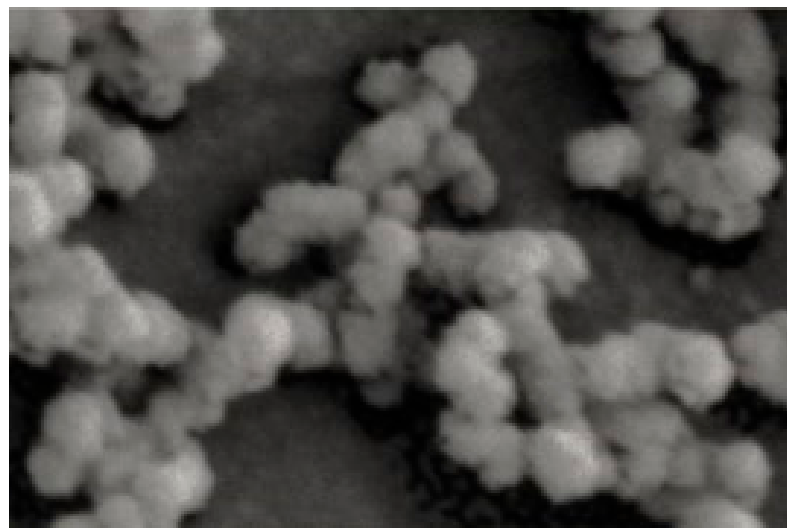
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**Figure S1.** Infrared spectra of DSF, MSN, CuMSN, CuMSN-PDA, DSF@CuMSN-PDA.



**Figure S2.** SEM image of CuMSN.

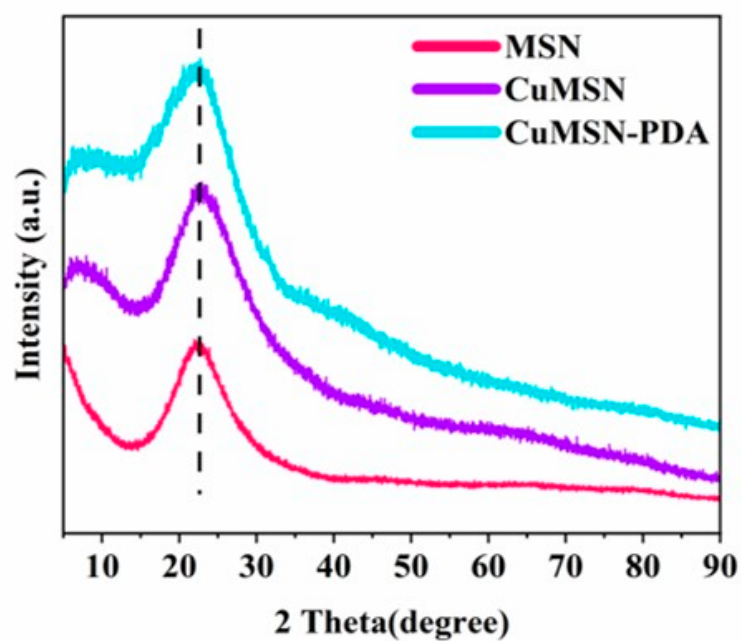


Figure S3. XRD patterns of MSN, CuMSN, and CuMSN-PDA.

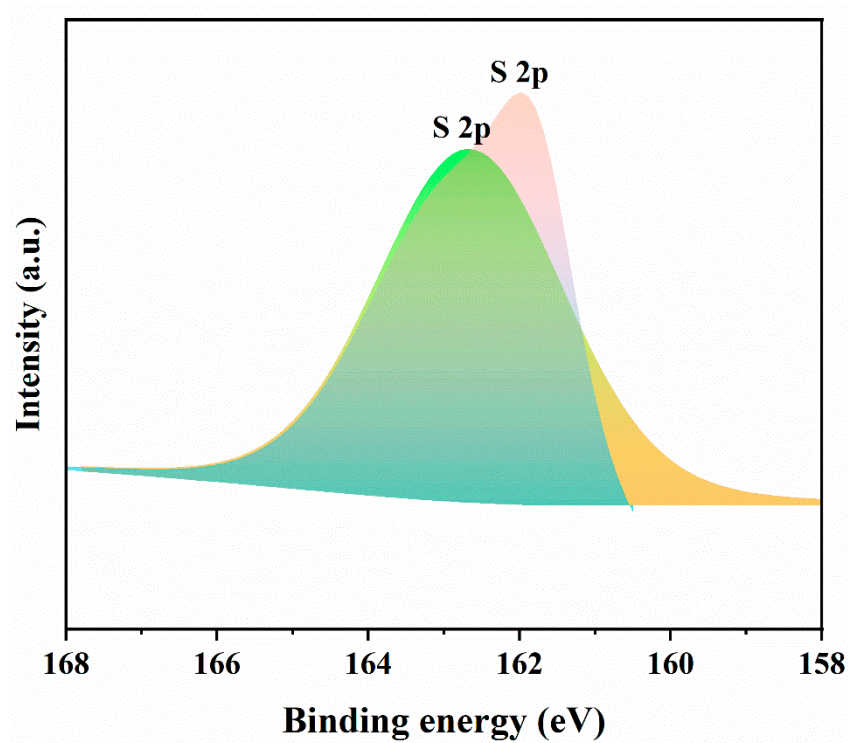
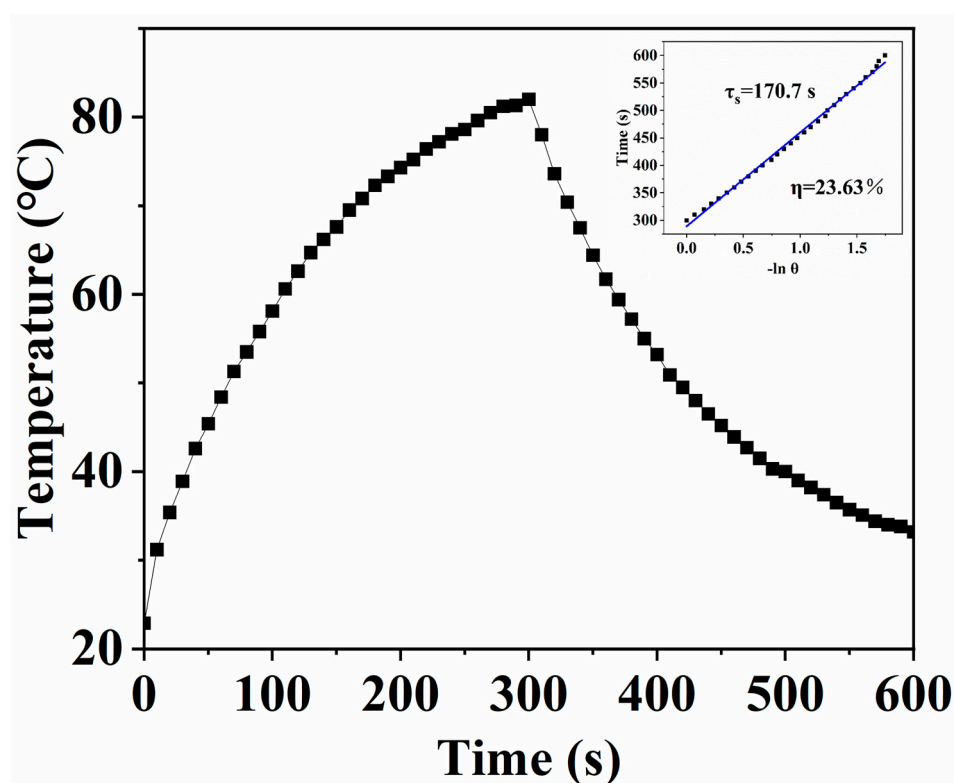
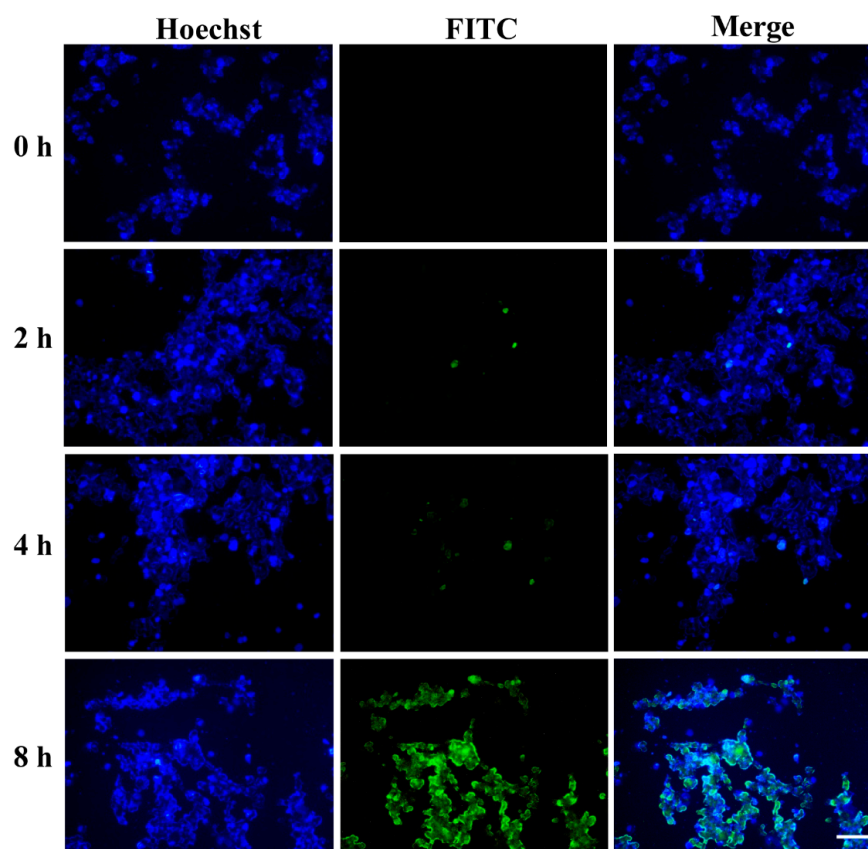


Figure S4. Peak fitting pattern of S.

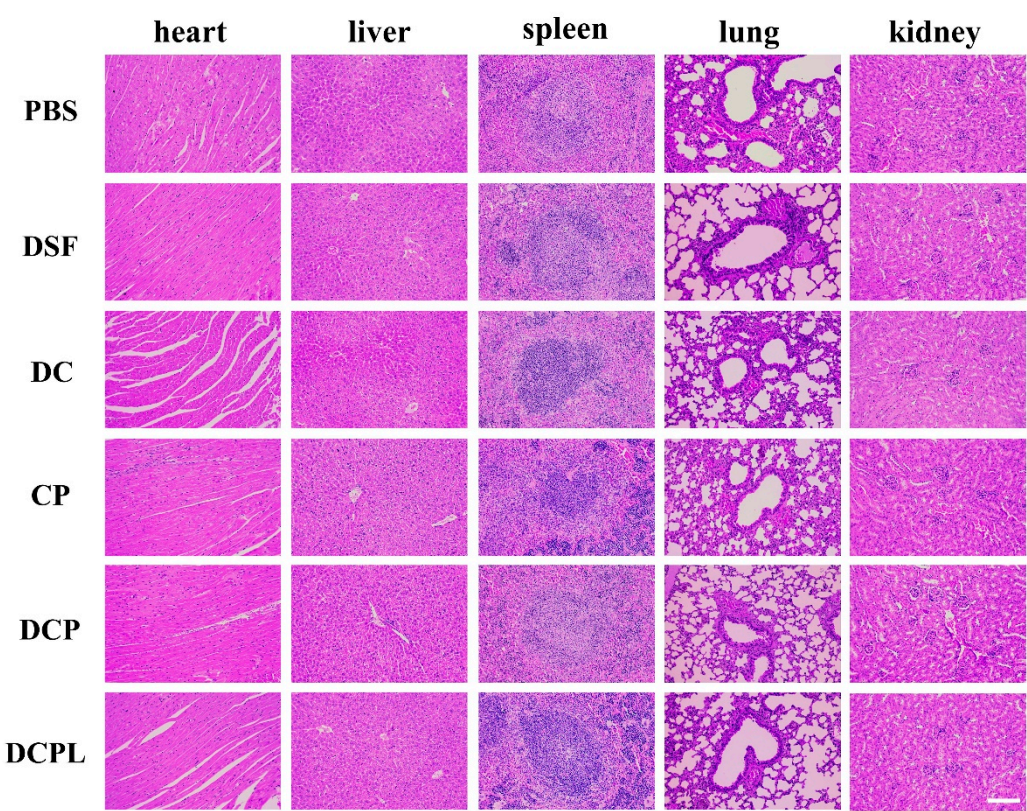


**Figure S5.** The photothermal conversion efficiency ( $\eta$ ) of DSF@CuMSN-PDA (100  $\mu\text{g/mL}$ ) under 2.0  $\text{W/cm}^2$  laser irradiation with 808 nm.



**Figure S6.** Fluorescence images of cellular uptake of FITC@CuMSN-PDA after 0 h, 2 h, 4 h, and 8 h incubation (scale bar: 100  $\mu\text{m}$ ).





**Figure S7.** H&E staining of major organs after different treatments.