

Electronic Supplementary Information (ESI)

**Cancer Cell Membrane-Coated Magnetic
Nanoparticles for MR/NIR Fluorescence Dual-Modal
Imaging and Photodynamic Therapy**

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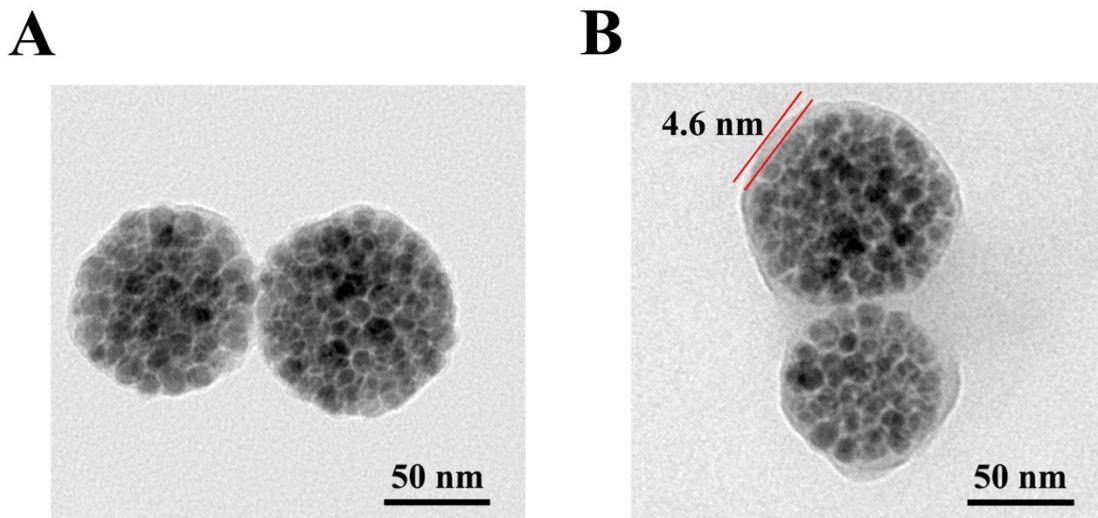


Figure S1. Enlarged TEM images of (A) SSAP-Ce6 and (B) SSAP-Ce6@CCM.

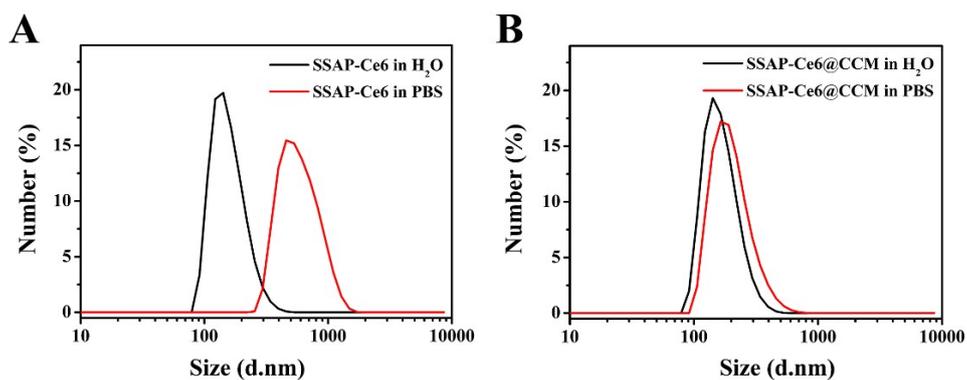


Figure S2. Size distributions of SSAP-Ce6 (A) and SSAP-Ce6@CCM (B) in H₂O or PBS.

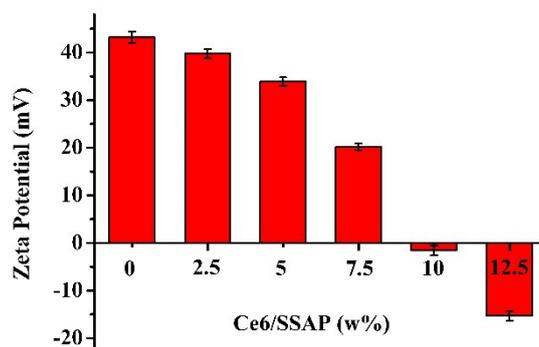


Figure S3. Zeta potential of the SSAP-Ce6 at different Ce6/SSAP weight ratio.

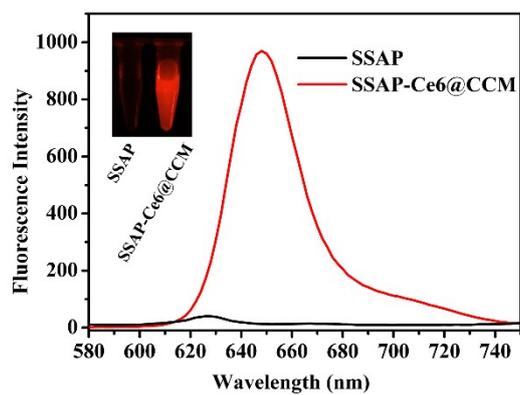


Figure S4. The fluorescence spectra of the SSAP and SSAP-Ce6@CCM. The inset shows NIR fluorescence images of SSAP and SSA-Ce6@CCM.

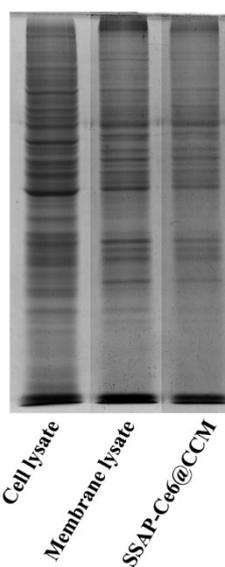


Figure S5. SDS-PAGE analysis of cell lysate, membrane lysate, and SSAP-Ce6@CCM lysate. Samples were stained with Coomassie blue.

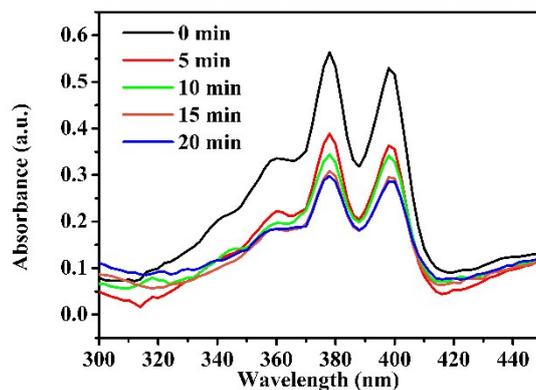


Figure S6. Absorbance of 9,10-dimethylanthracene (ABDA, 10mM) after photodecomposition by ROS generation upon 670 nm NIR laser irradiation for different times with 0.1W/cm² in the presence of SSAP-Ce6.

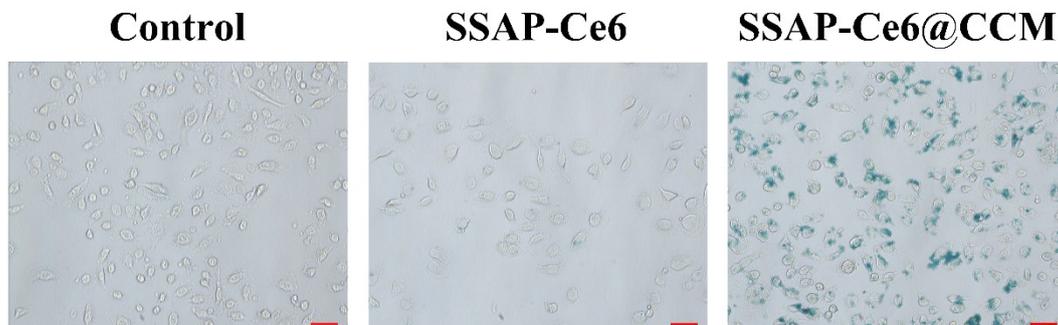


Figure S7. Prussian blue staining of the SMMC-7721 cells after 4 h incubation with SSAP-Ce6 and SSAP-Ce6@CCM, untreated cells were taken as control. Scale bar = 50 μ m.

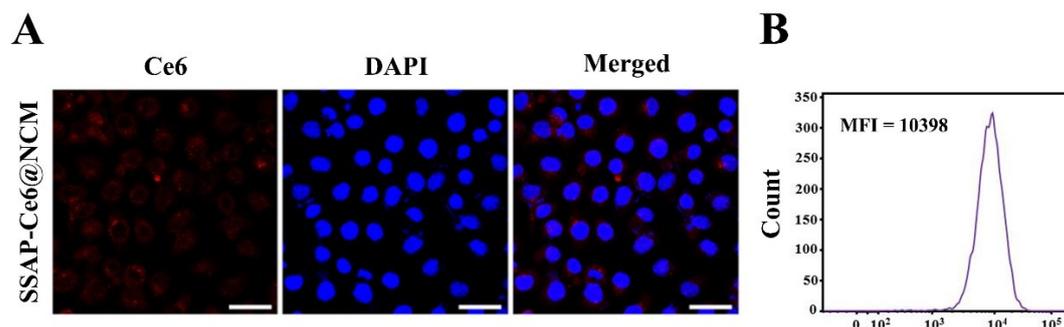


Figure S8. (A) CLSM images of SMMC-7721 cells upon 4 h incubation with SSAP-Ce6@NCM. Scale bar = 40 μ m. (B) Flow cytometry analysis of Ce6 fluorescence inside cells after 4 h incubation with SSAP-Ce6@NCM.