Supporting Information

Ce6-C6-TPZ Co-loaded Albumin Nanoparticles for Synergistic Combined PDT-Chemo Therapy of Cancer

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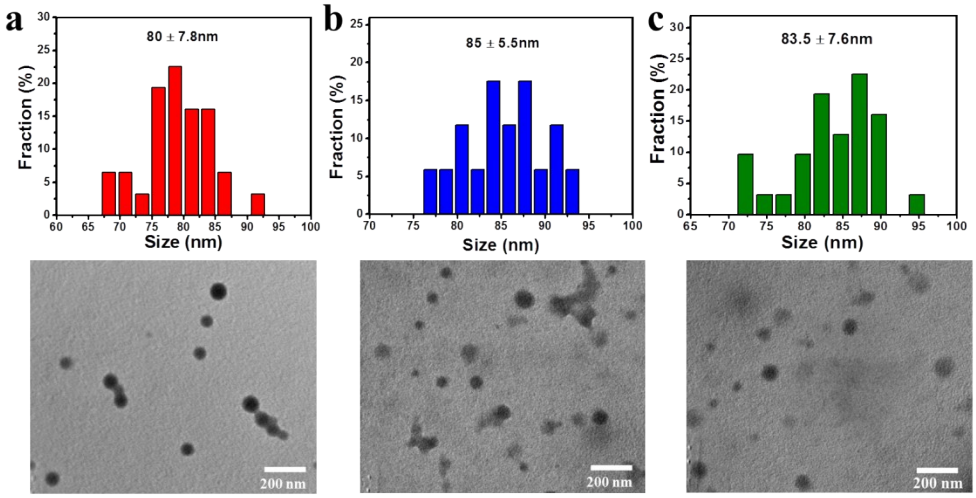

Figure S1 Particle size distribution of different nanomaterials, (a) BSA-Ce6-C6-TPZ, (b)BSA-Ce6-C6，(c) BSA-C6-TPZ. The TEM images of BSA-Ce6-C6-TPZ, BSA-Ce6-C6 and BSA-C6-TPZ.

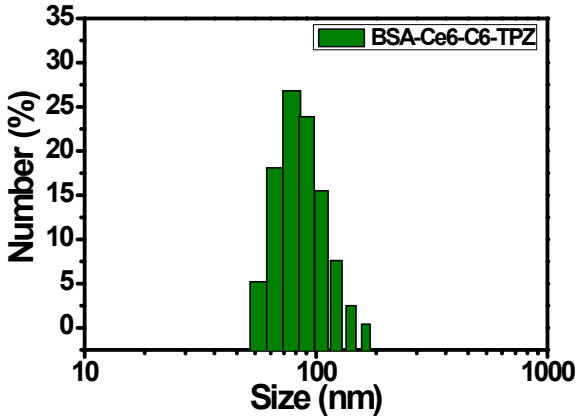

Figure S2 The DLS data of BSA-Ce6-C6-TPZ.

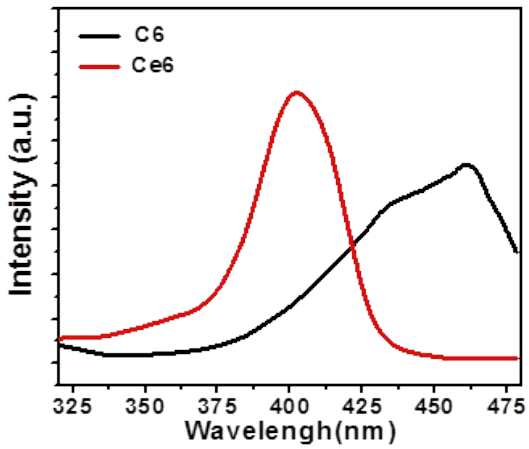

Figure S3 Fluorescence excitation spectra of C6 (λ_{em}=500 nm) and Ce6 (λ_{em}=668 nm).

The TEM images of BSA-Ce6-C6-TPZ, BSA-Ce6-C6 and BSA-C6-TPZ were shown in **Figure. S1**, and the average particle size were 80 ± 7.8 nm for BSA-Ce6-C6-TPZ, 85 ± 5.5 nm for the BSA-Ce6-C6 size, and 83.5 ± 7.6 nm for the BSA-C6-TPZ. The monodispersity and solubility of BSA-Ce6-C6-TPZ can be confirmed by the DLS showed in Figure. S2. From the excitation spectra monitoring the emission of 500 nm and 668 nm, respectively, the main excitation band of C6 molecules is very wide from 370 nm to 475 nm, and that of Ce6 molecules start from 350 nm to 450 nm. Therefore, 405 nm and 450 can both co-excited the molecules in the albumin composites. According to the same excitation wavelength, the fluorescence branching ratio of C6 molecule and Ce6 molecule can be further used as a monitoring indicator of PDT as shown in **Figure. S3**.