

AuNCs-LHRHa Nano-System for FL/CT Dual-Mode Imaging and Photothermal Therapy of Targeted Prostate Cancer

Supporting Information

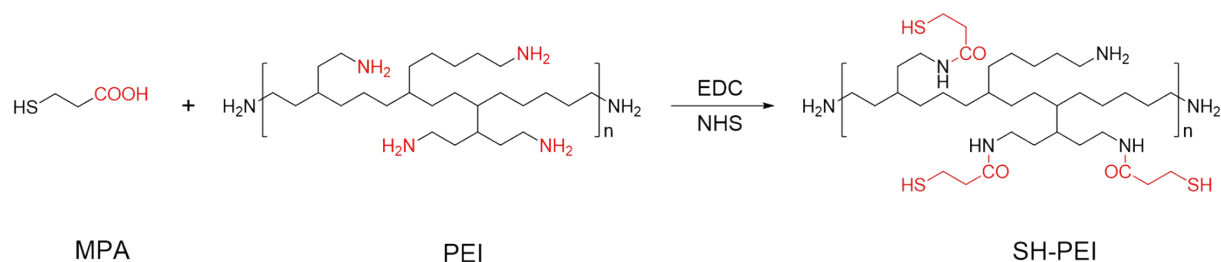


Figure S1. The reaction process of the ligand (SH-PEI).

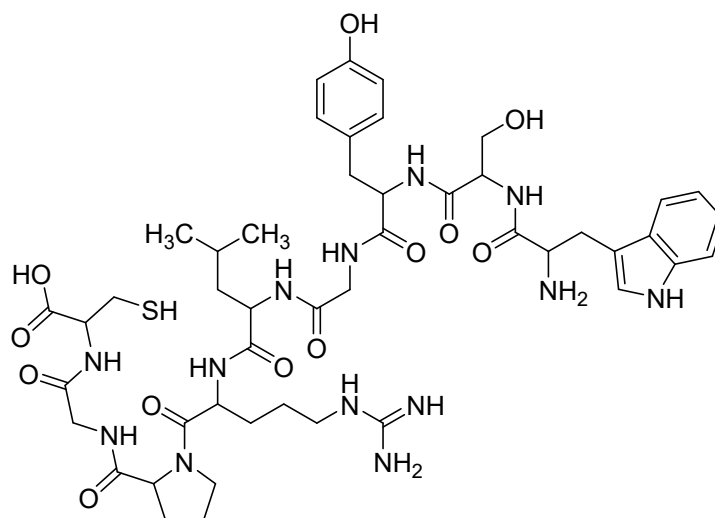


Figure S2. The structure of LHRHa.

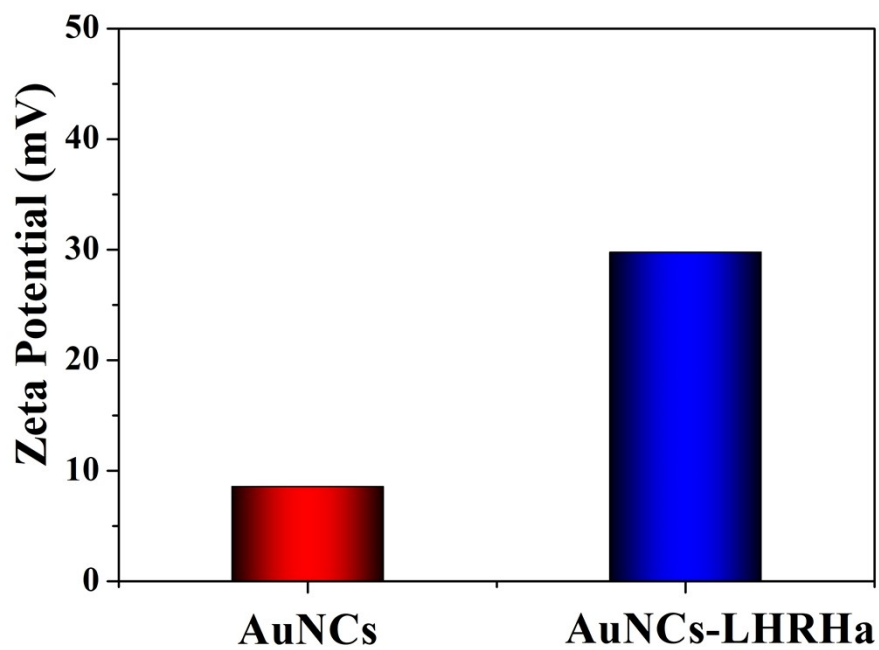


Figure S3. Zeta potential of AuNCs and AuNCs-LHRHa.

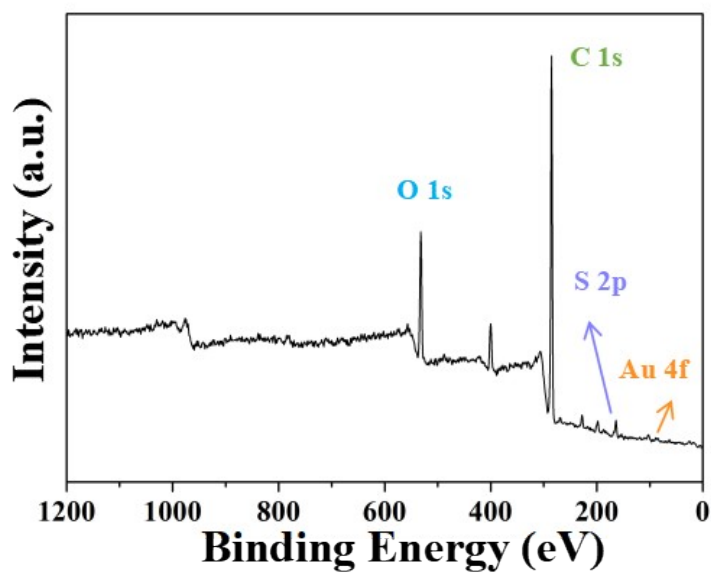


Figure S4. XPS survey spectrum of AuNCs-LHRHa.

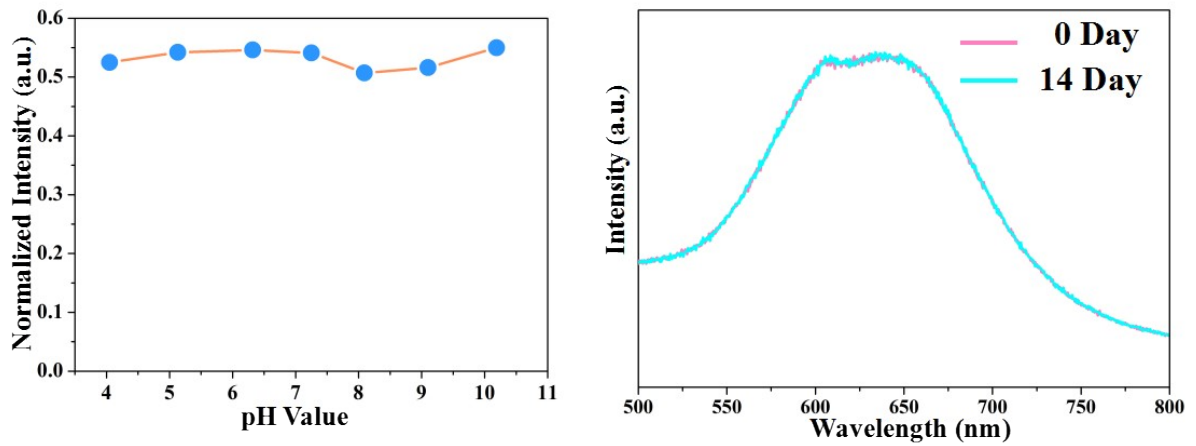


Figure S5. The fluorescence stability of AuNCs-LHRHa. Fluorescence intensities of AuNCs-LHRHa at different pH value (a) and storing under normal condition for two weeks (b).

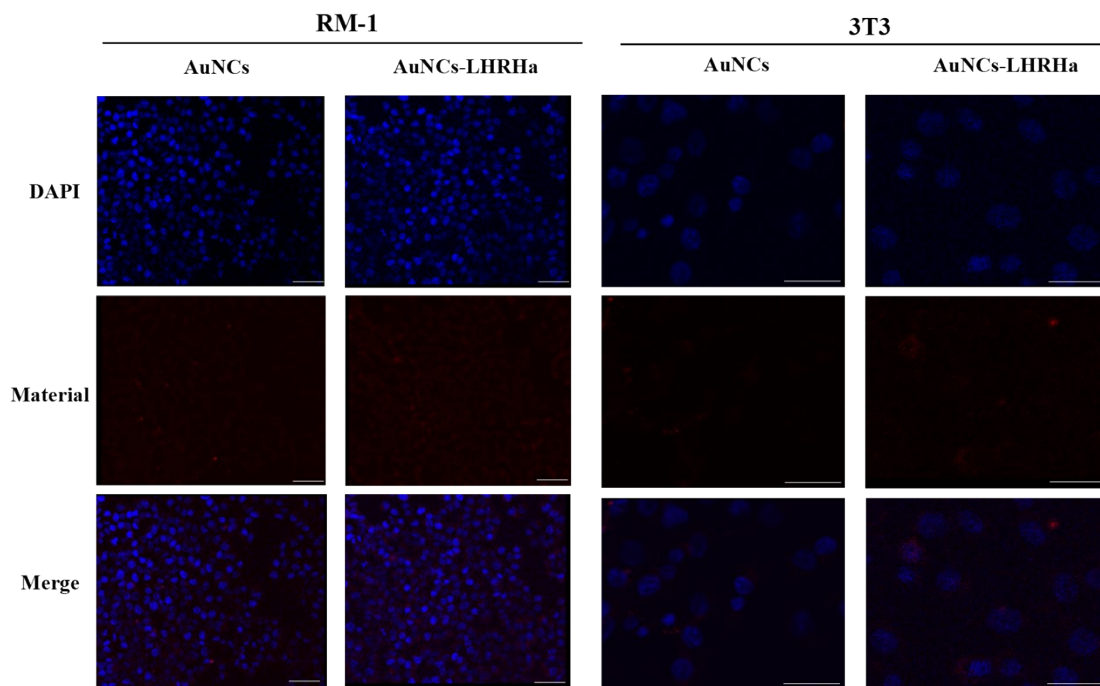


Figure S6. In vitro cell uptake by RM-1 cells and 3T3 cultured with AuNCs and AuNCs-LHRHa for 3 h, as detected by CLSM. Scale bar: 40 μm

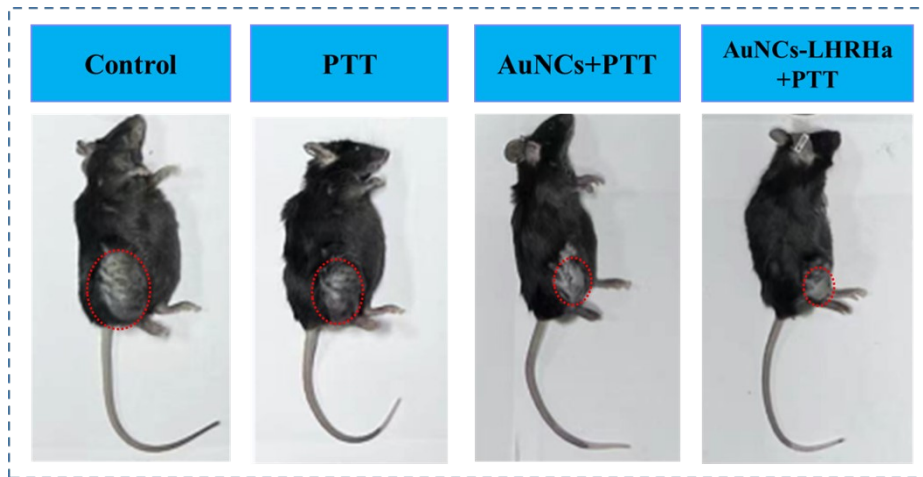


Figure S7. Photograph of mouse in each group was taken at the 8th day during the treatment.