Supporting Information

Thermosensitive liposome-encapsulated gold nanocage for photothermal-modulated drug release and synergistic photothermal therapy

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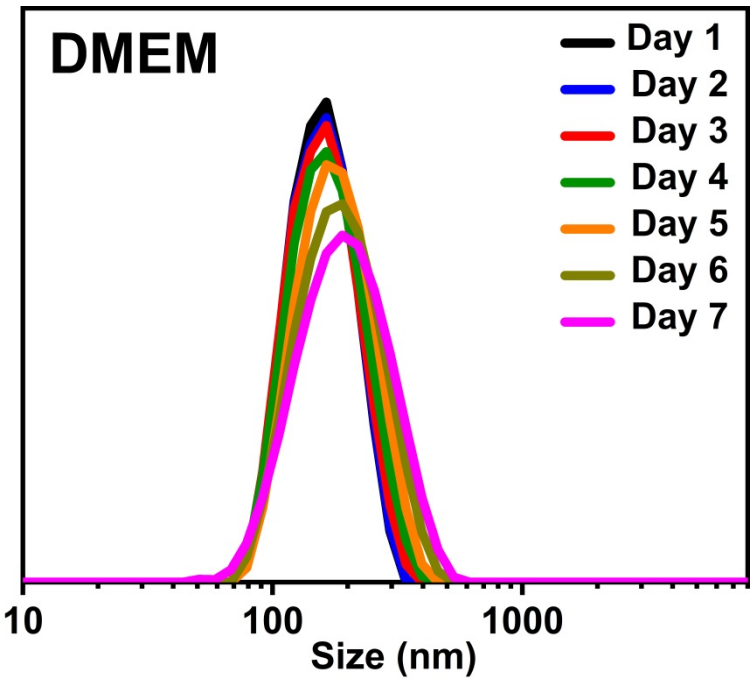

Fig. S1. DLS curves of AuNCs/CPT@TSL dispersed in DMEM medium.

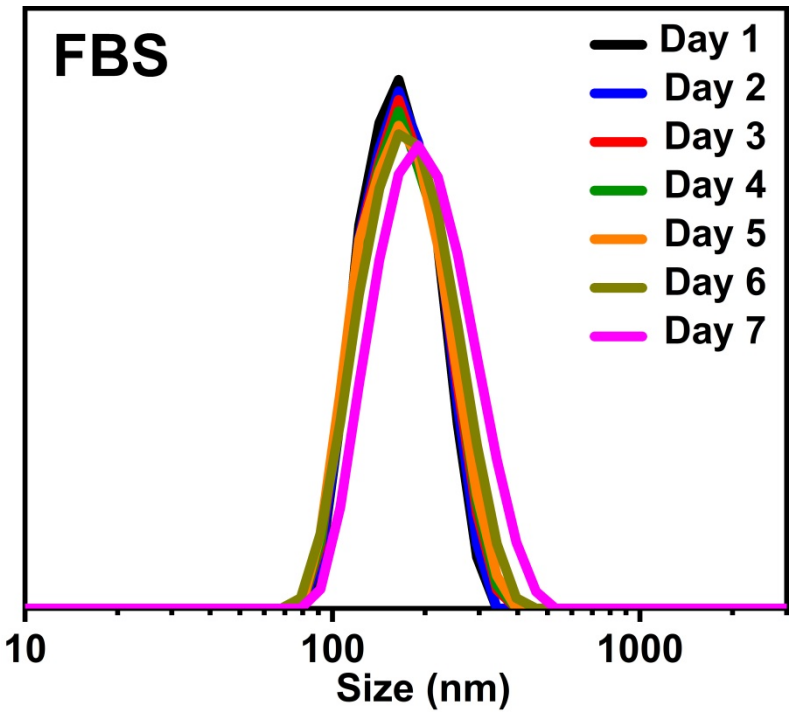

Fig. S2. DLS curves of AuNCs/CPT@TSL dispersed in FBS.

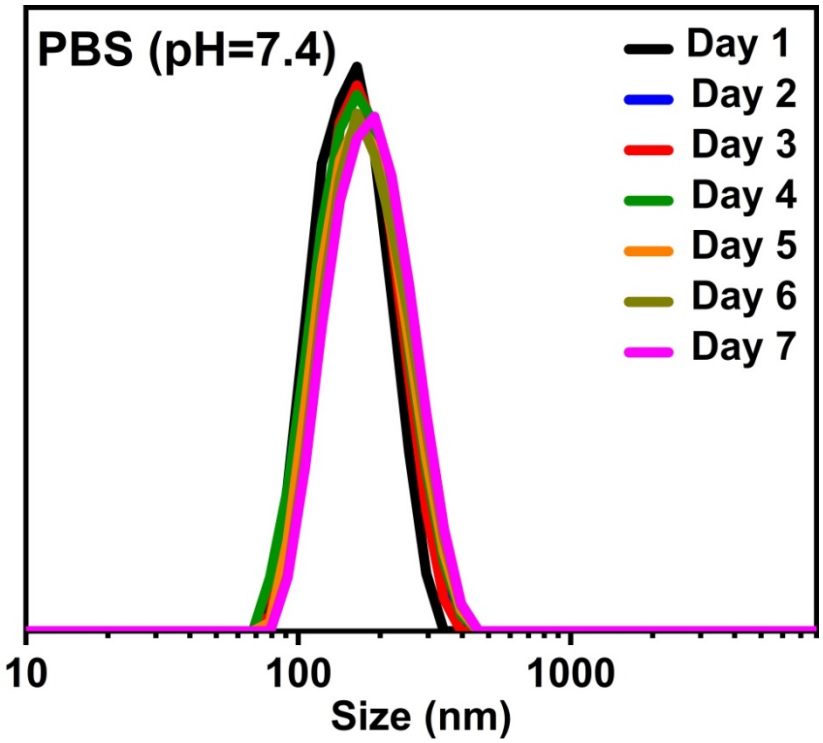

Fig. S3. DLS curves of AuNCs/CPT@TSL dispersed in PBS (pH=7.4).

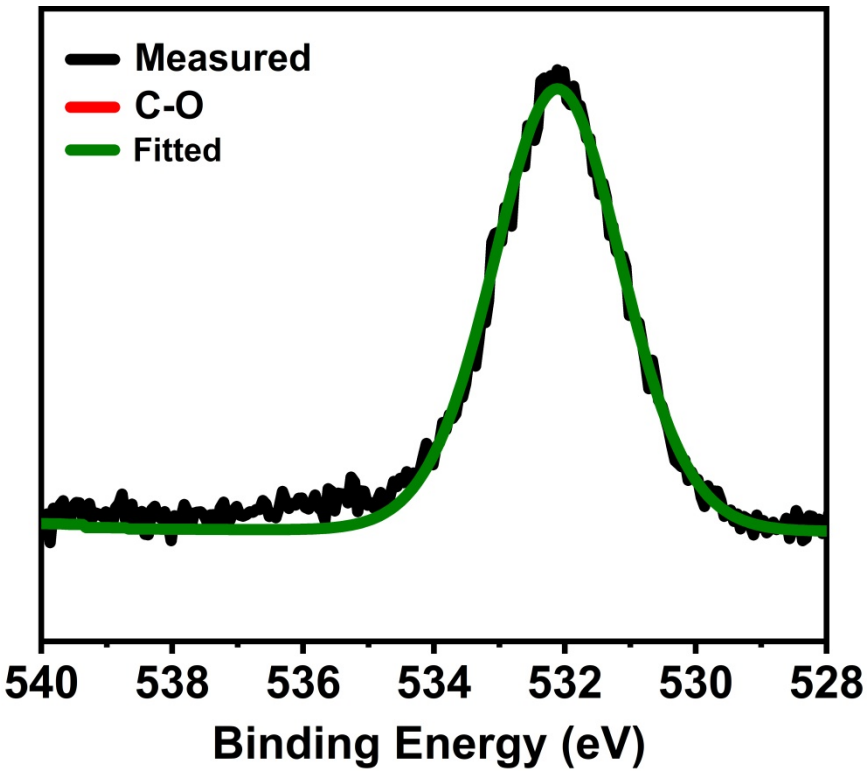

Fig. S4. XPS spectra of AuNCs in the orbit of O1s.

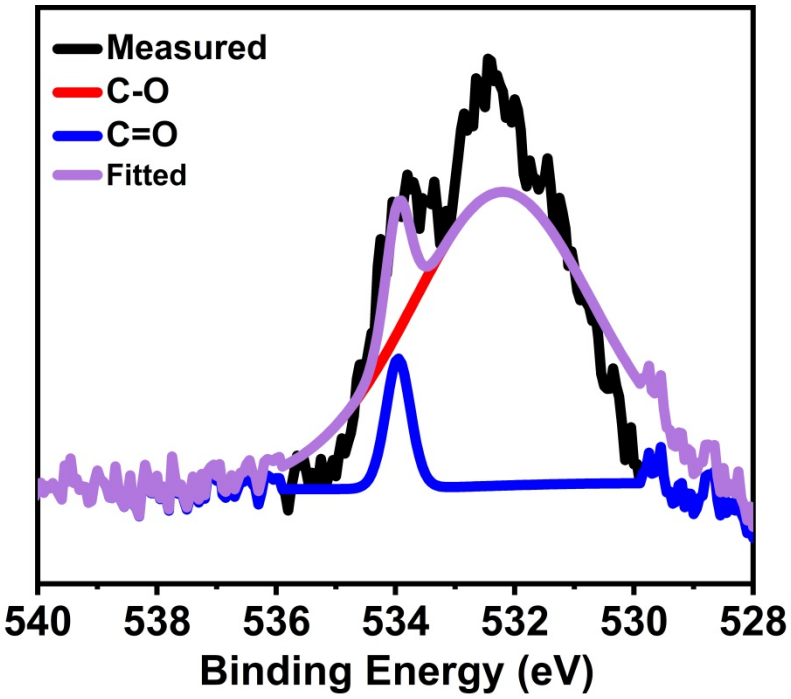

Fig. S5. XPS spectra of AuNCs/CPT in the orbit of O1s.

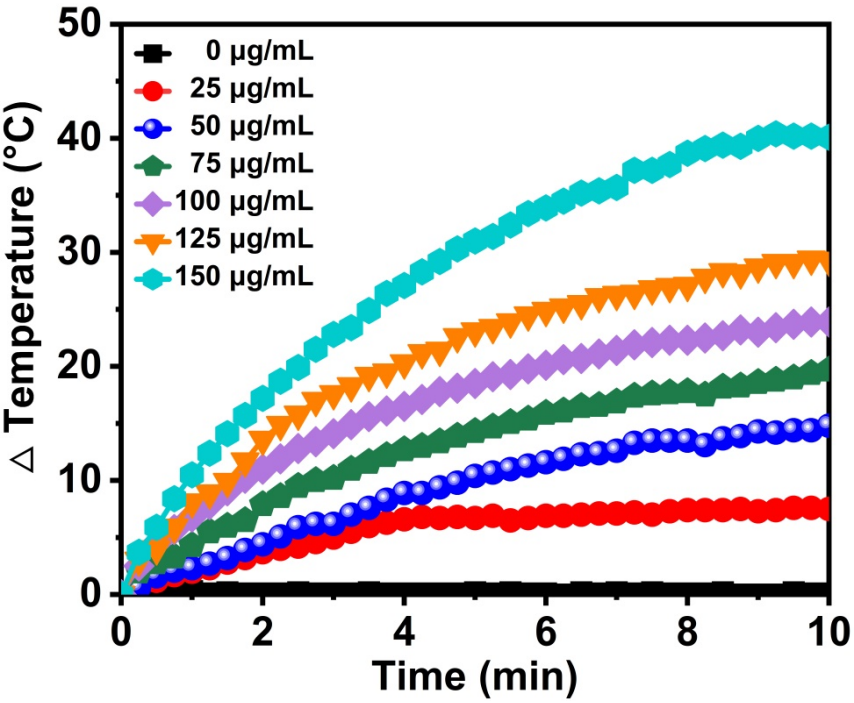

Fig. S6. Temperature change curves of AuNCs with different concentrations irradiated by an 808 nm laser (1.0 W/cm^2).

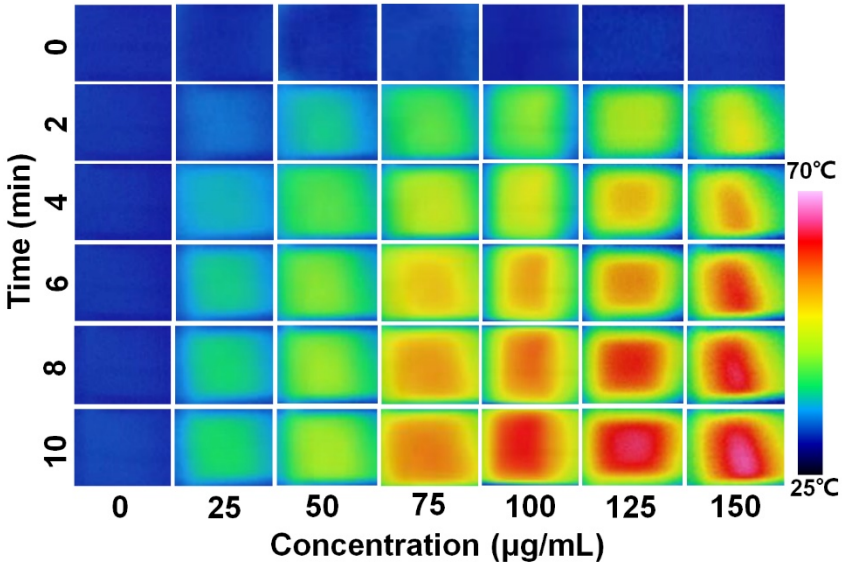

Fig. S7. Thermal imaging images of AuNCs with different concentrations irradiated by an 808 nm laser (1.0 W/cm^2).

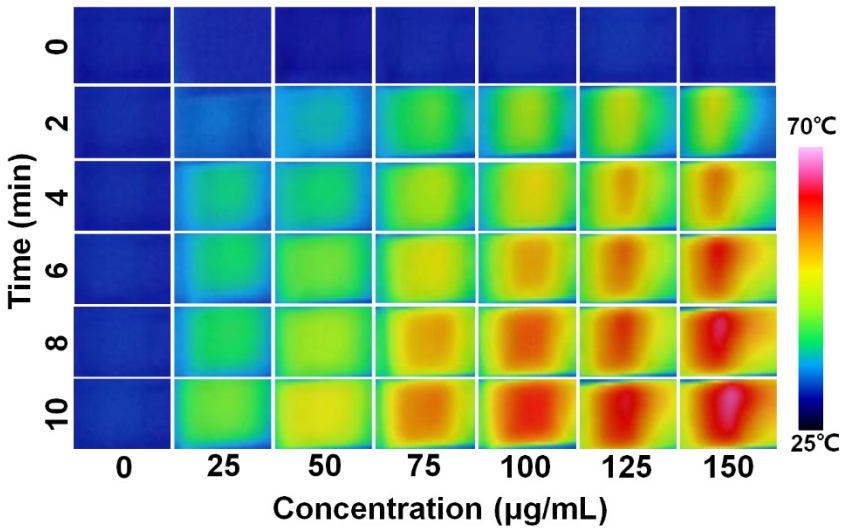

Fig. S8. Thermal imaging images of AuNCs/CPT@TSL with different concentrations irradiated by an 808 nm laser (1.0 W/cm^2).

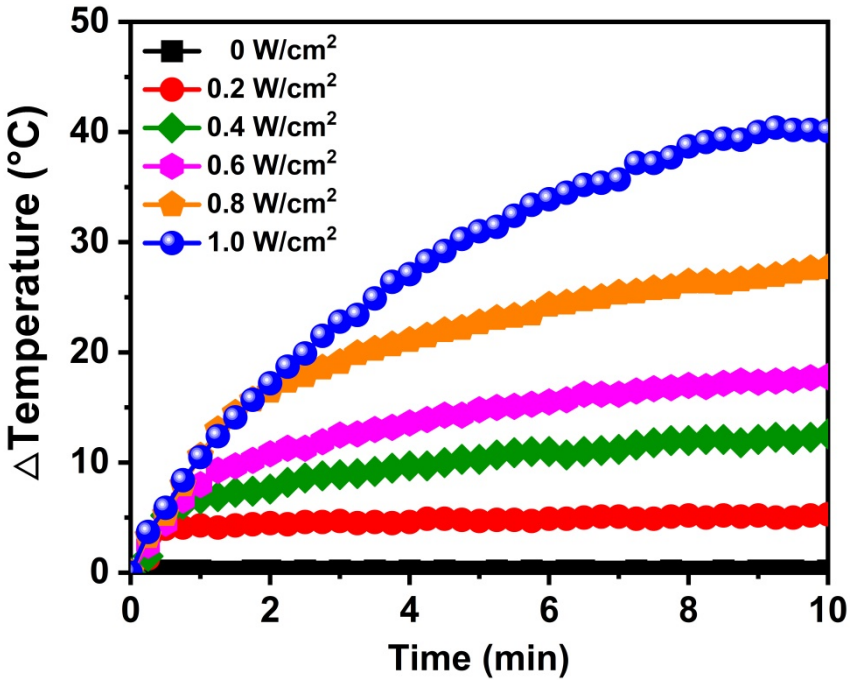

Fig. S9. Temperature change curves of AuNCs (150 μg/mL) irradiated by an 808 nm laser with different power densities.

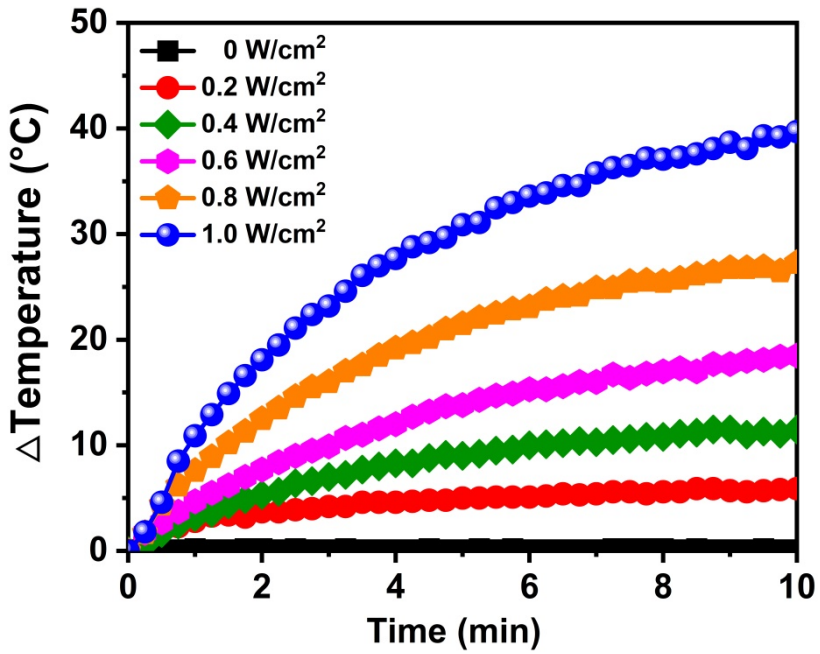

Fig. S10. Temperature change curves of AuNCs/CPT@TSL (150 μg/mL) irradiated by an 808 nm laser with different power densities.

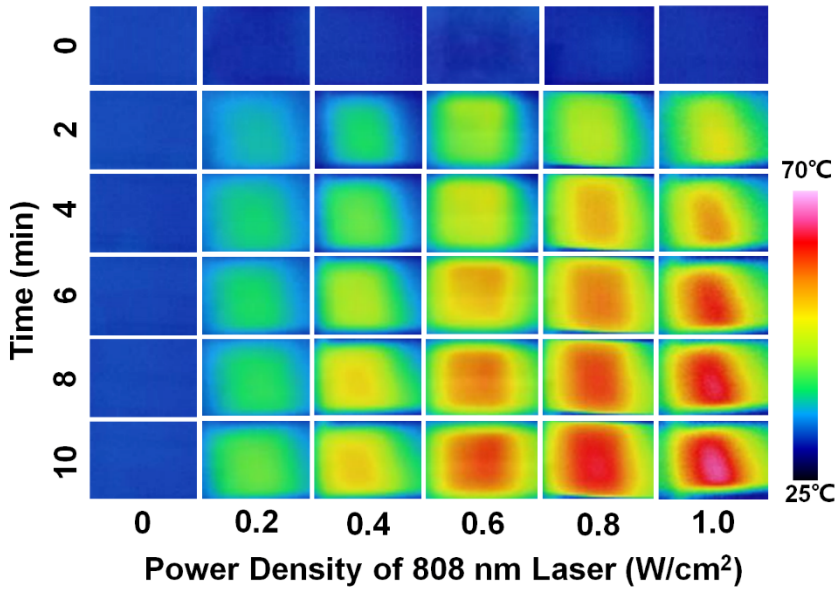

Fig. S11. Thermal imaging images of AuNCs (150 μg/mL) irradiated by an 808 nm laser with different power densities.

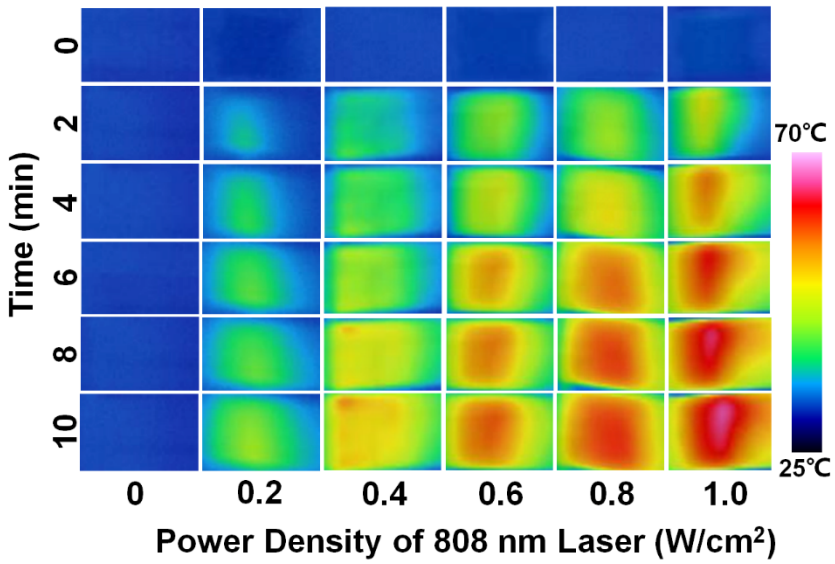

Fig. S12. Thermal imaging images of AuNCs/CPT@TSL (150 μg/mL) irradiated by an 808 nm laser with different power densities.

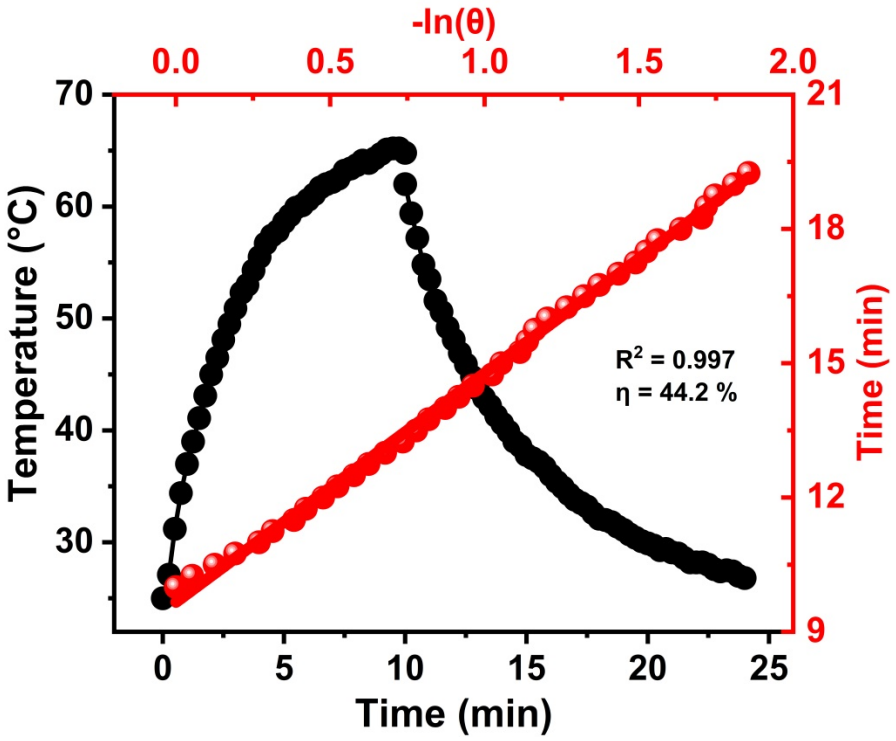

Fig. S13. Heating/cooling and fitting curves of AuNCs (150 μg/mL) irradiated by an 808 nm laser (1.0 W/cm^2).

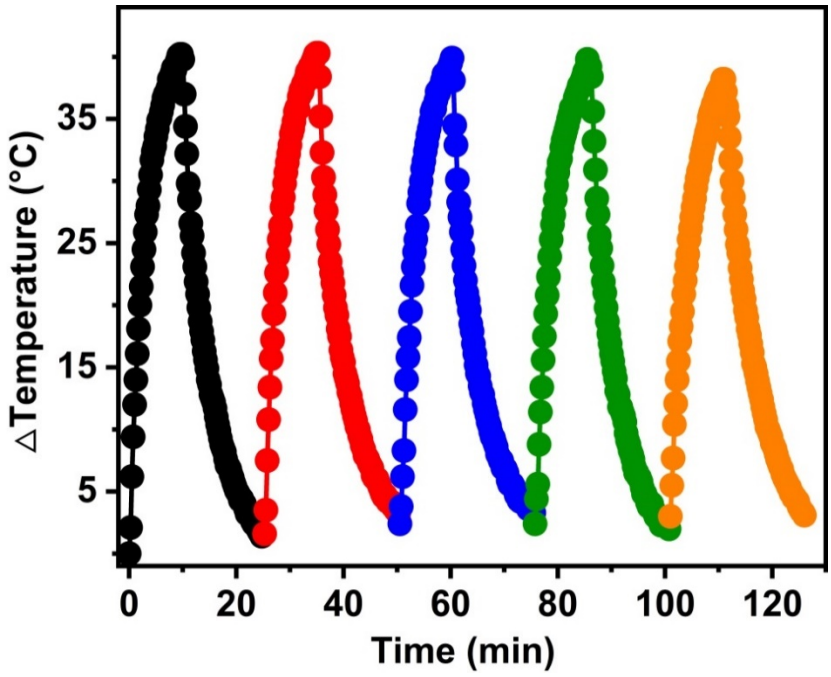

Fig. S14. Temperature change curves of AuNCs (150 μg/mL) irradiated by an 808 nm laser (1.0 W/cm^2) by repeating on/off laser.

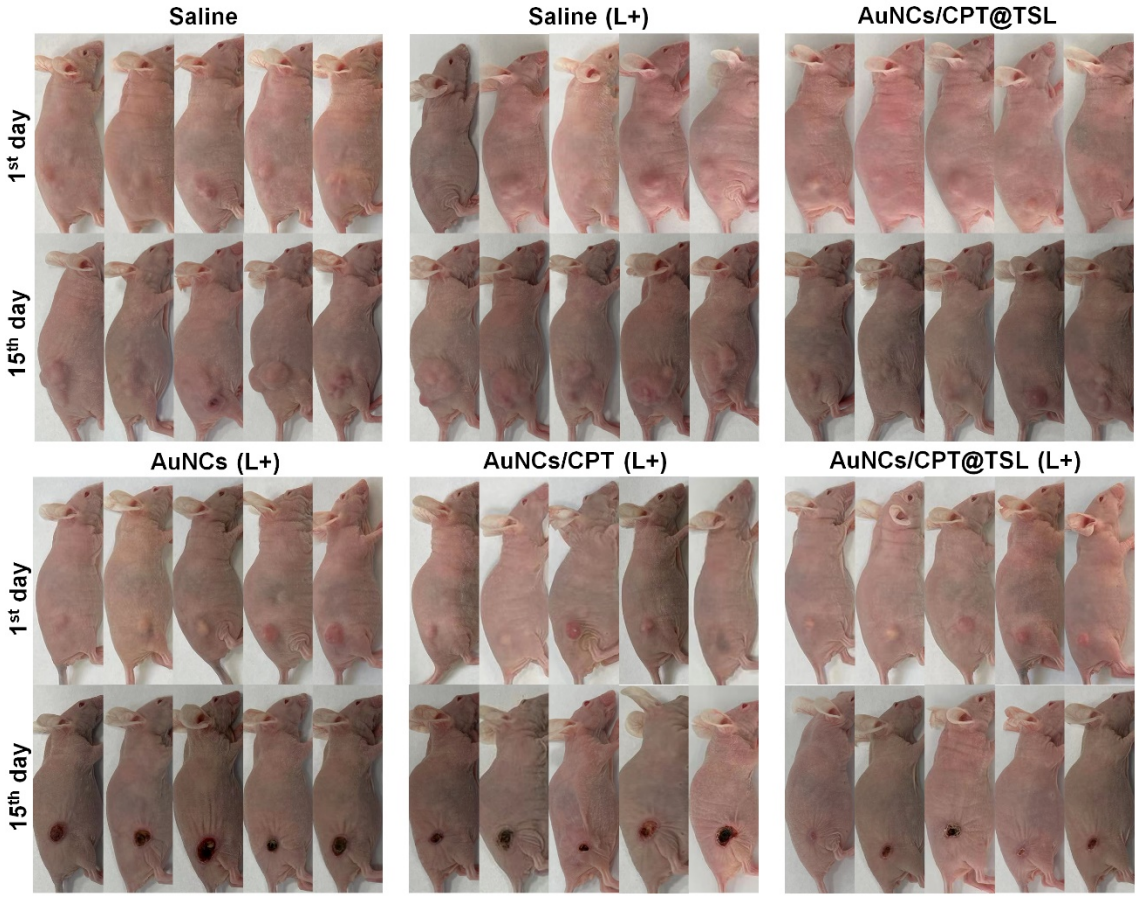

Fig. S15. Real photograghs of mice in six groups.

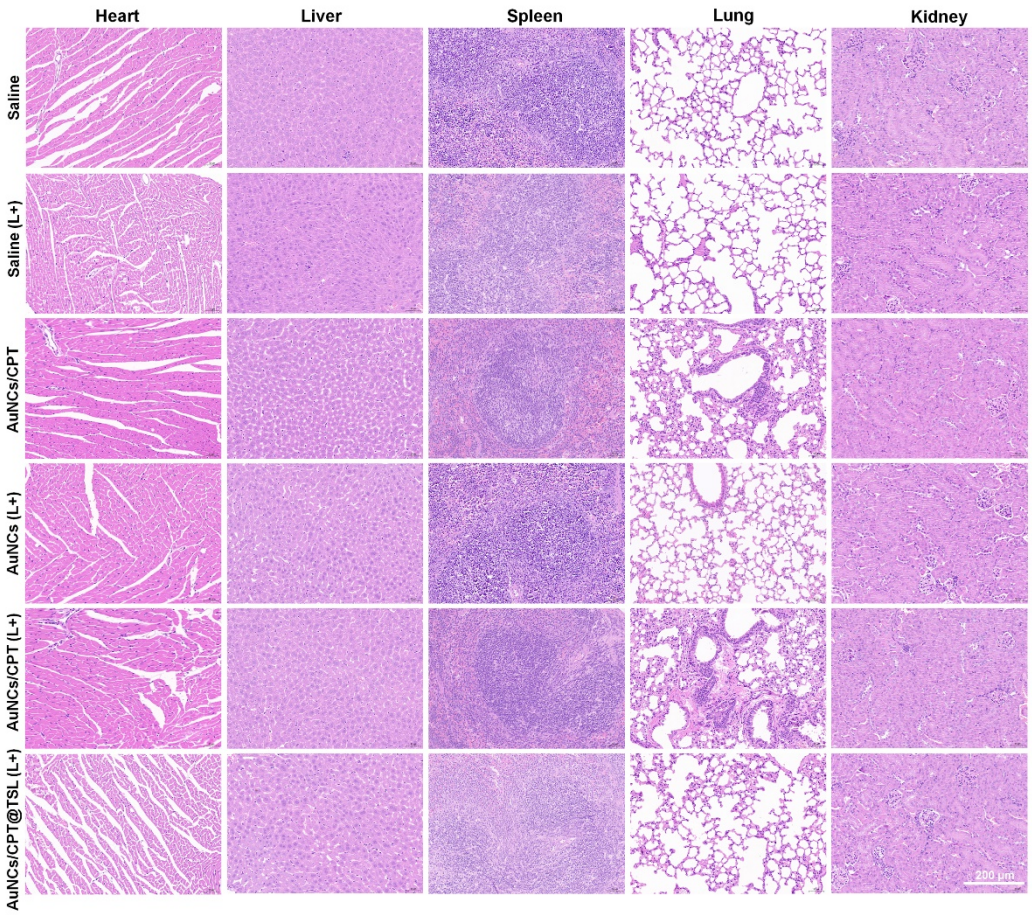

Fig. S16. H&E staining images of organs in six groups.

	WBC (10^9/L)	RBC (10^{12}/L)	HGB (g/L)	HCT (%)	PLT (10^9/L)	ALT (U/L)	AST (U/L)	TBIL (μM)	UREA (mM)	CREA (μM)
Reference Range	0.8-10.6	6.5-11.5	110-165	35-55	400-1600	10.1-96.5	36.3-235.5	6.1-53.1	3.9-12.4	10.9-85.1
Saline	15.8±1.1	8.8±1.2	141±17	41±8	1433±154	38.0±12.3	236.5±13.5	9.7±10.2	9.2±3.5	104.2±10.5
Saline (L+)	22.3±2.4	7.4±1.0	124±13	35±10	1357±139	33.1±14.6	237.2±18.7	10.1±8.4	9.7±4.2	124.7±9.1
AuNCs/CPT	15.1±1.8	8.1±1.5	172±16	48±16	1557±180	51.2±16.2	267.9±13.5	12.6±9.3	9.6±3.8	113.8±10.7
AuNCs (L+)	7.8±1.9	9.1±1.1	134±13	37±11	1224±132	41.1±12.9	122.4±17.5	9.1±12.2	7.8±3.1	60.3±12.1
AuNCs/CPT (L+)	12.1±2.2	9.3±0.8	155±12	43±9	1180±145	44.2±14.1	245.1±16.8	11.5±7.6	8.3±2.8	102.9±13.2
AuNCs/CPT@TSL (L+)	7.9±1.5	9.6±0.7	146±11	42±6	1029±162	43.5±16.7	144.9±14.2	8.0±8.1	7.5±3.2	23.9±15.3

Fig. S17. Blood indexes of routine and biochemistry in six groups.