Supporting Information

Temperature-Sensitive Gold Nanoparticle-Coated Pluronic-PLL Nanoparticles for Drug Delivery and Chemo-Photothermal Therapy

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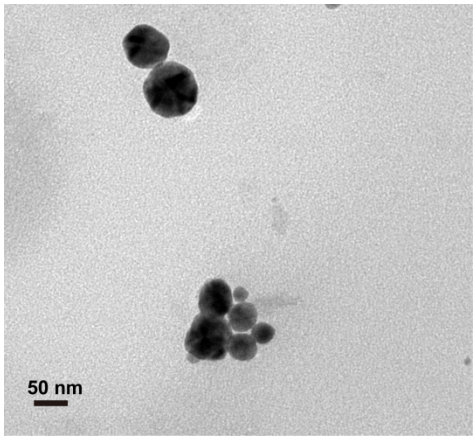

Figure S1. TEM image of Pluronic-PLL@Au NPs after laser irradiation for 2 min.

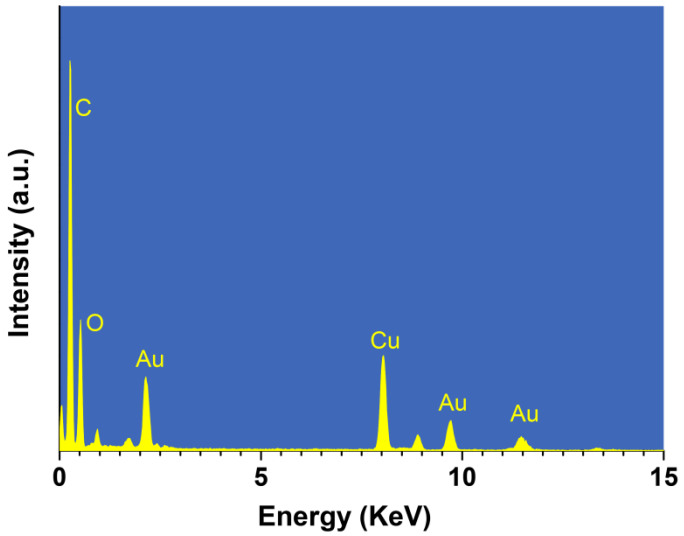

Figure S2. EDS result of Pluronic-PLL@Au NPs.

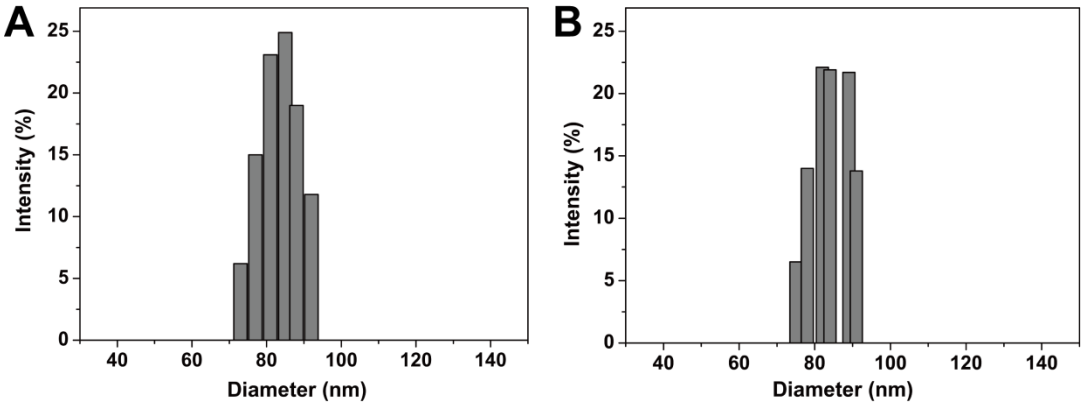

Figure S3. Size distribution of Pluronic-PLL@Au nanoparticles. (A) without laser irradiation, (B) after laser irradiation (808 nm, 1 W/cm^2, 2 min). The measurement was carried out at 20 °C.

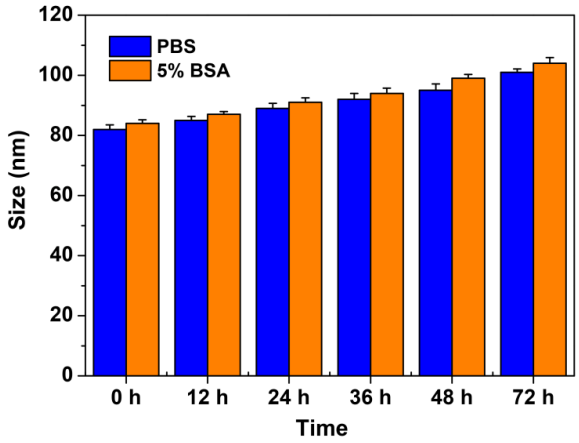

Figure S4. Particle size of Pluronic-PLL@Au nanoparticles incubated with PBS or 5% BSA for different time.

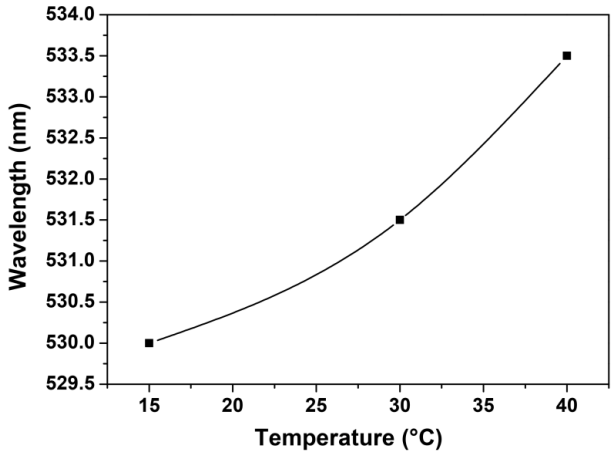

Figure S5. The wavelength of the SPR peak of Pluronic-PLL@Au nanoparticles (prepared for 0.5 h) as a function of solution temperature.

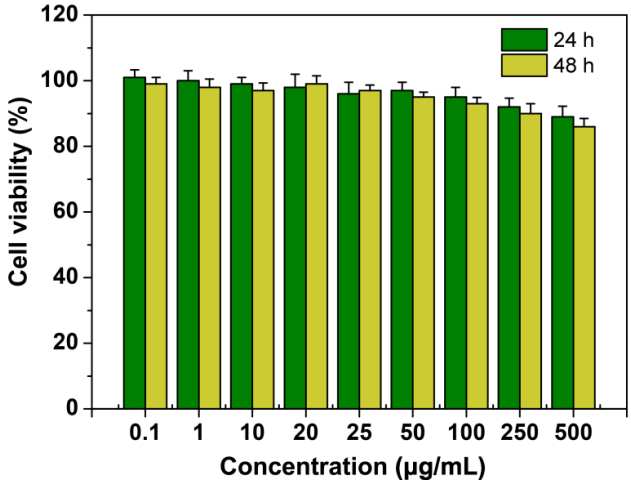

Figure S6. Cell viability of mouse fibroblasts L-929 cells against Pluronic-PLL@Au nanoparticles after being cultured for 24 h and 48 h with different concentrations.

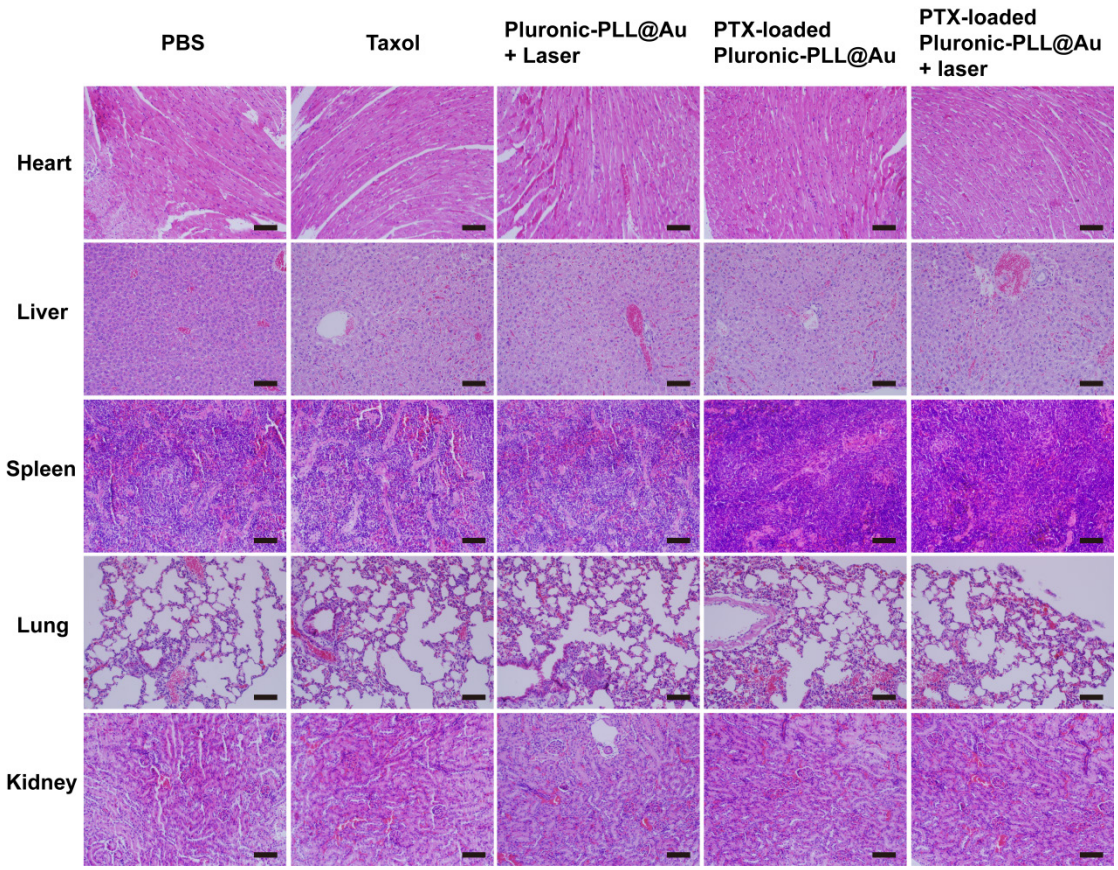

Figure S7. Images of H&E-stained organs from the MDA-MB-231 tumor bearing mice with different treatment (scale bar = 100 μm).