

Supporting Information

Near-infrared photothermal liposomal nanoantagonists for amplified cancer photodynamic therapy

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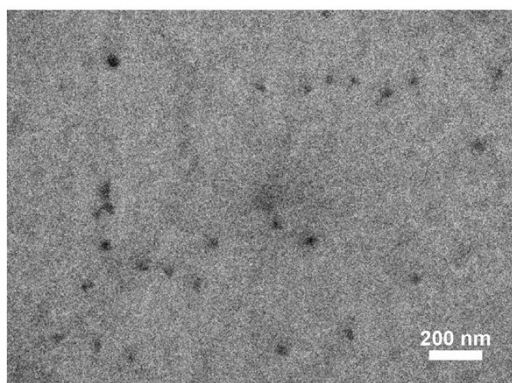


Figure S1. Representative TEM image of LI (scale bar = 200 nm).

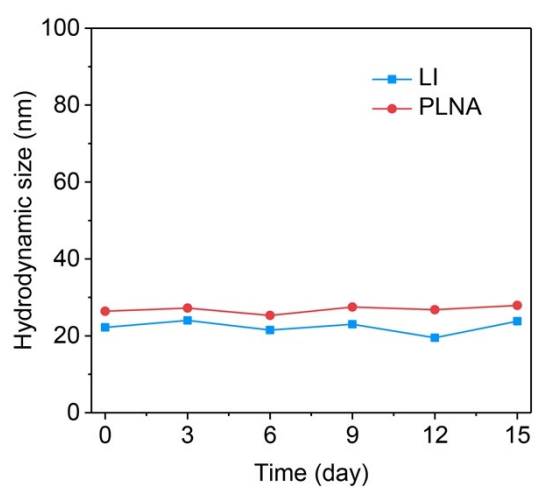


Figure S2. Hydrodynamic size of LI and PLNA after storage in PBS buffer for different days.

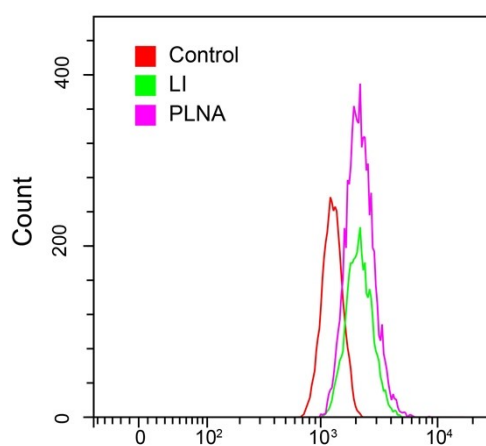


Figure S3. Flow cytometry assay of fluorescence intensity of 4T1 cancer cells after incubation with PBS (Control), LI and PLNA (ICG = 20 $\mu\text{g mL}^{-1}$) for 24 h.

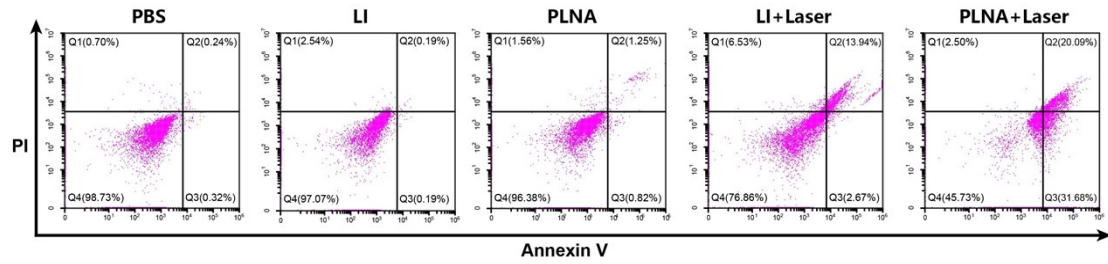


Figure S4. Apoptosis analysis of 4T1 cancer cells after treatments with PBS (Control), LI and PLNA ($ICG = 20 \mu\text{g mL}^{-1}$) with or without 808 nm laser irradiation (0.6 W cm^{-2} , 10 min).

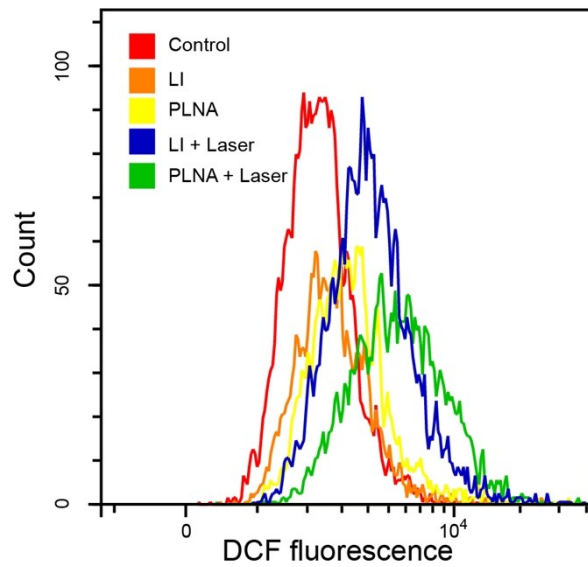


Figure S5. Flow cytometry analysis of DCF fluorescence intensity in 4T1 cancer cells after treatments with PBS (Control), LI and PLNA ($ICG = 20 \mu\text{g mL}^{-1}$) with or without 808 nm laser irradiation (0.6 W cm^{-2} , 10 min).

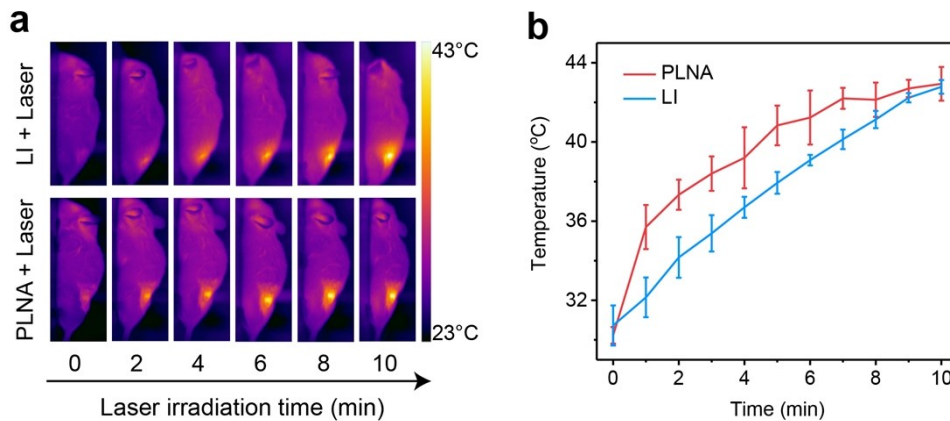


Figure S6. (a) Representative infrared thermal images and (b) temperature curves of tumors in 4T1 tumor-bearing mice after intravenous injection of LI and PLNA (200 μ L, ICG = 2 mg kg⁻¹) under 808 nm laser irradiation (0.6 W cm⁻²) for 10 min.

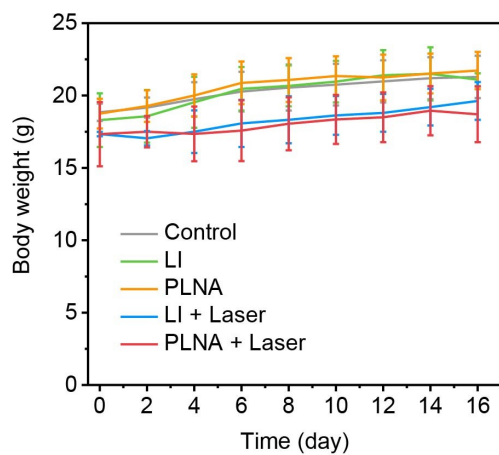


Figure S7. Body weights of 4T1 tumor-bearing mice after intravenous injection of saline (control), LI and PLNA (ICG = 2 mg kg⁻¹) with or without 808 nm laser irradiation (0.6 W cm⁻²) for 10 min.