**Thermoresponsive polymer encapsulated gold nanorods for single continuous wave laser**-**induced photodynamic/photothermal tumor therapy**

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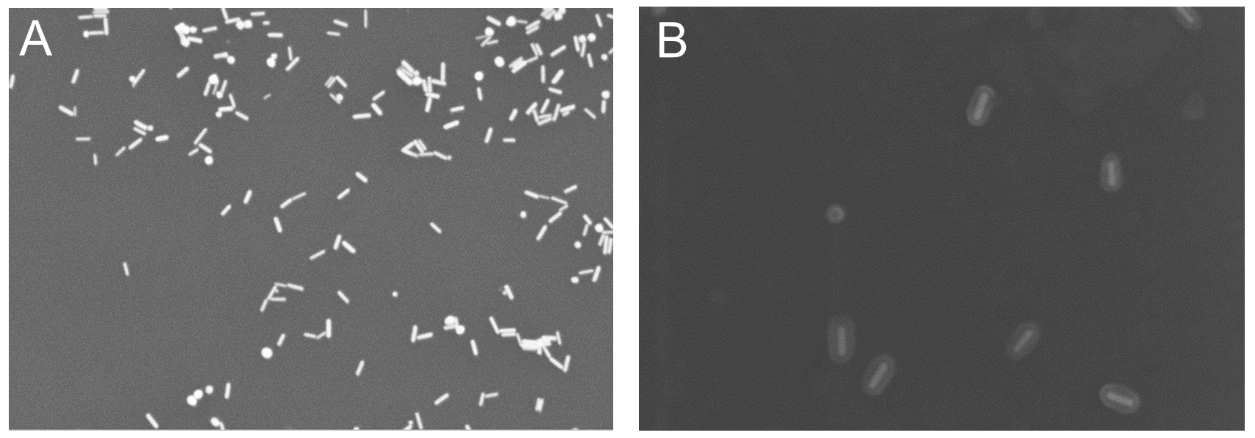


Figure S1 (A) SEM images of AuNRs, (B) SEM images of AuNRs@SiO2.

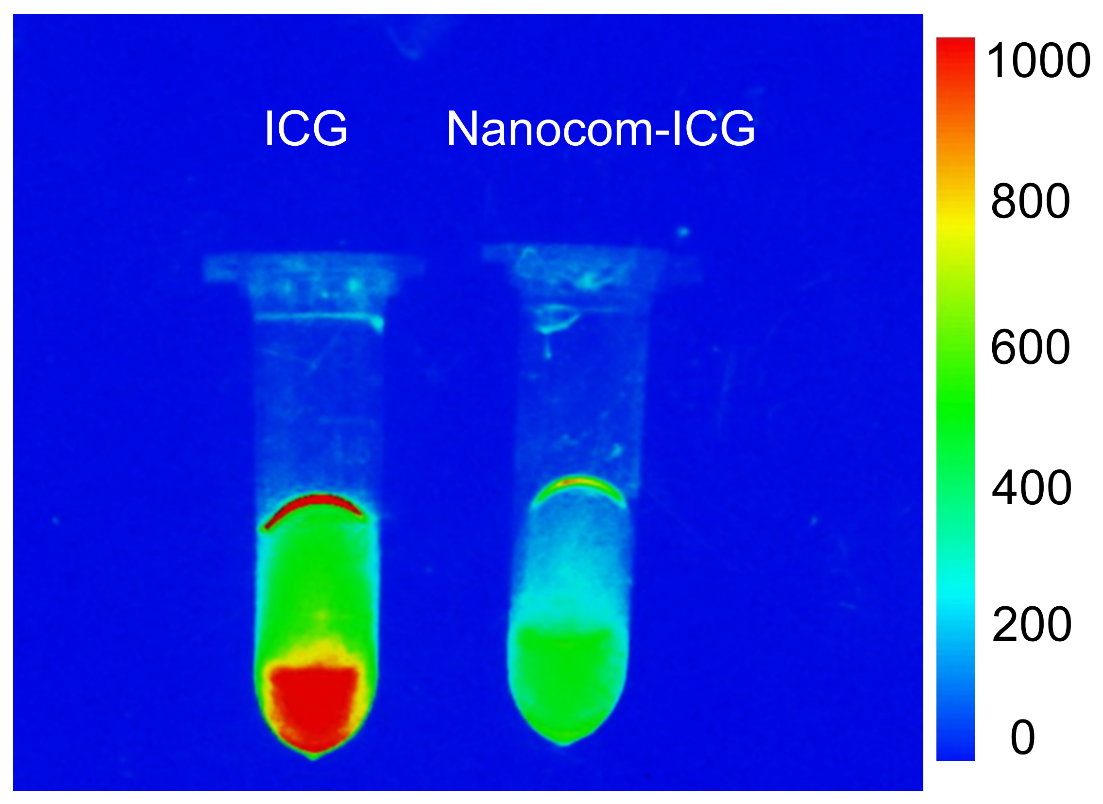


Figure S2. The fluorescence pictures of ICG and Nanocom-ICG (excitation=710 nm, emission=815 nm).

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Figure S3. Digital photo of Nanocom-ICG dispered in different solutions at different pH values for 2 weeks.

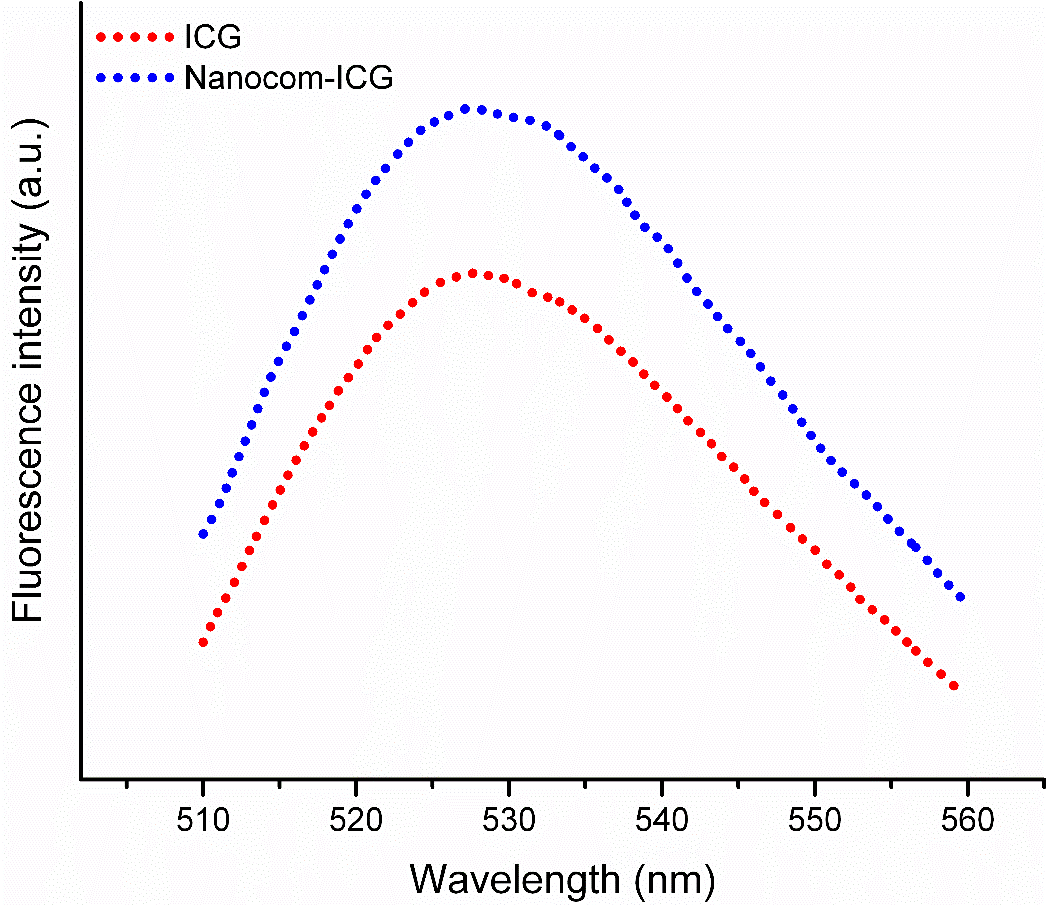


Figure S4. The SOSG fluorescence spectra of ICG and nanocom-ICG after laser irradiation for 5 minutes (0.8 W/cm2).

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Figure S5. Statistical analysis of singlet oxygen content generated by ICG and the material after 5 minutes of laser irradiation (0.8 W/cm2). n = 3, \**p*< 0.05.

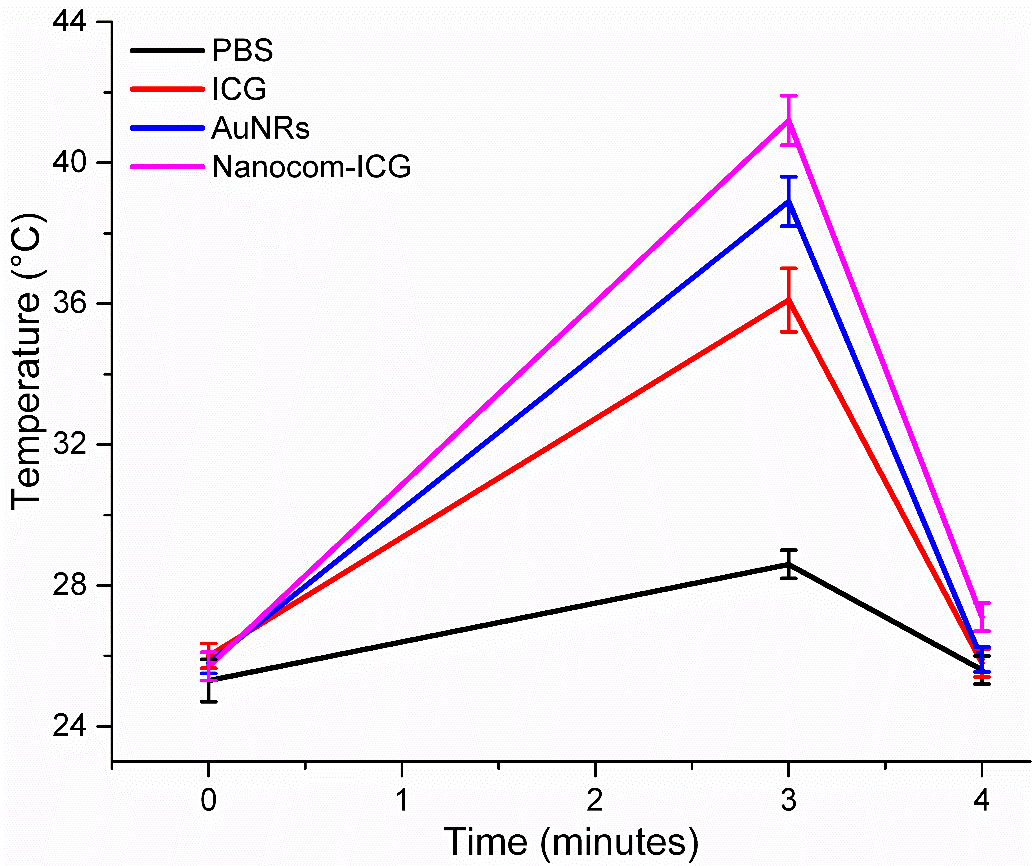


Figure S6. The temperature curves of tumor tissue regions of tumor-bearing mice during laser irradiation.