

Supplementary Materials

Assessing the efficiency of triangular gold nanoparticles as NIR photothermal agents *in vitro* and melanoma tumor model

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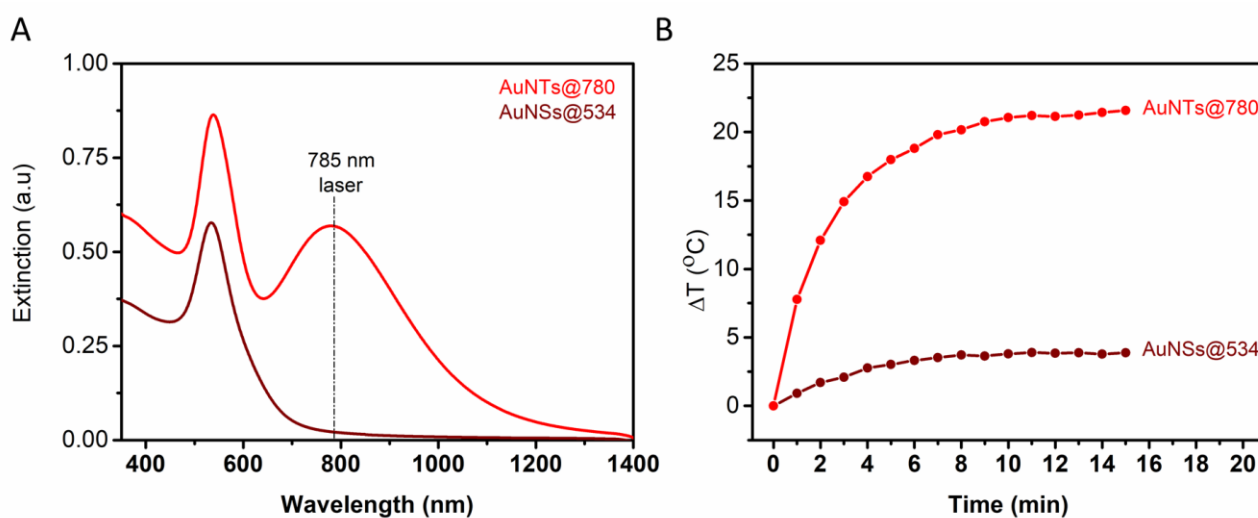


Figure S1. A. LSPR spectra of AuNTs@780 compared to AuNSs@534. **B.** The thermal curves recorded from AuNTs@780 and AuNSs irradiated by a 785 nm laser for 15 min

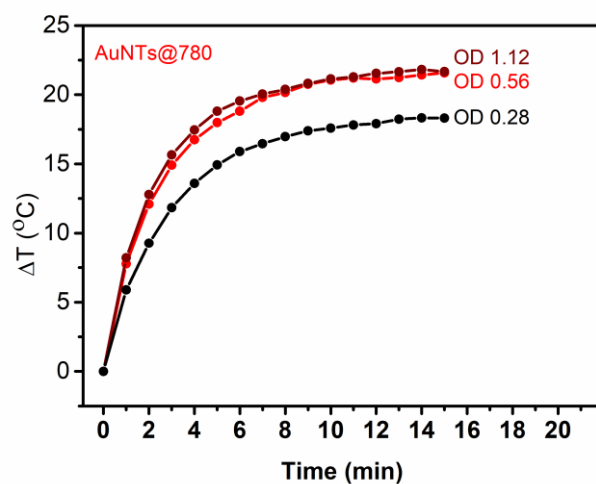


Figure S2. The AuNTs@780 thermal curves generated with regard to the variation of the optical density when irradiated in the same experimental conditions.

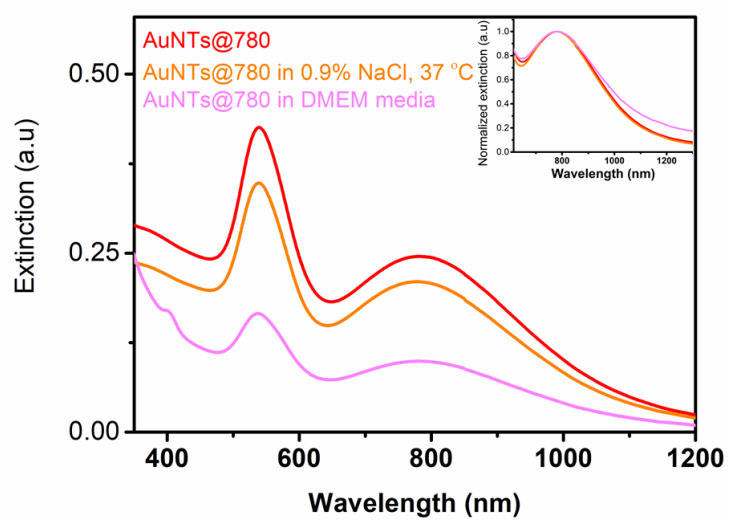


Figure S3. AuNTs stability in physiological conditions

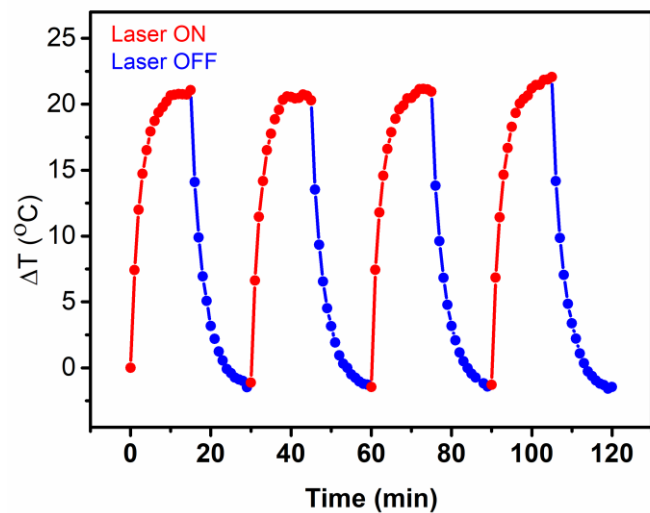


Figure S4. The stability of AuNTs inside biological phantoms after 4 NIR laser ON-OFF cycles.

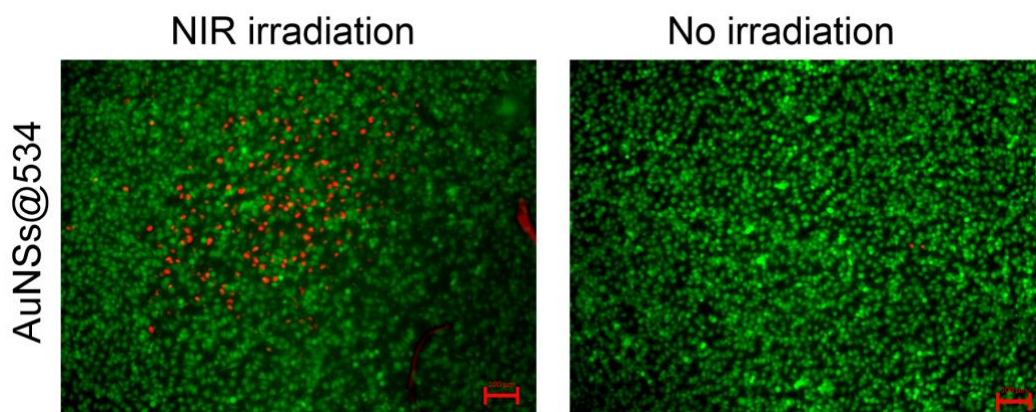


Figure S5. Merged fluorescence images of B16.F10 cells stained with calcein-AM and PI before and after NIR irradiation