

Supporting Information

for

Mesoporous Silica Nanoparticles Doped with Gold Nanoparticles for Combined Cancer Immunotherapy and Photothermal Therapy

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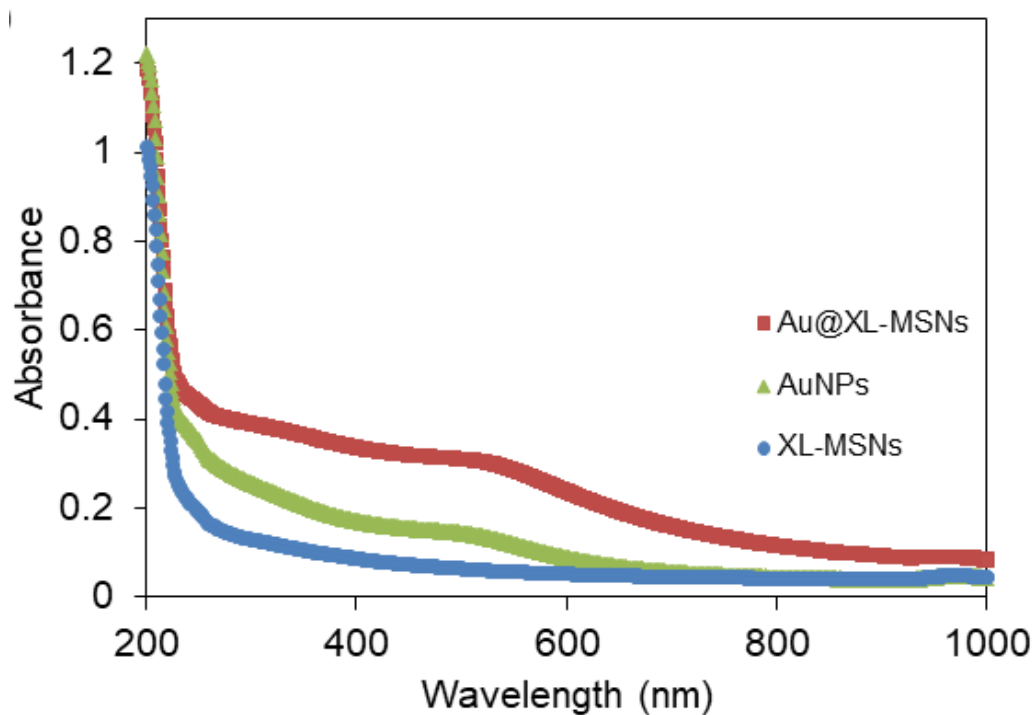


Figure S1. Absorbance spectra of AuNPs, XL-MSNs, and Au@XL-MSNs with a wavelength of 200 to 1,000 nm. Some absorbance at 800 nm occurred for Au@XL-MSNs.

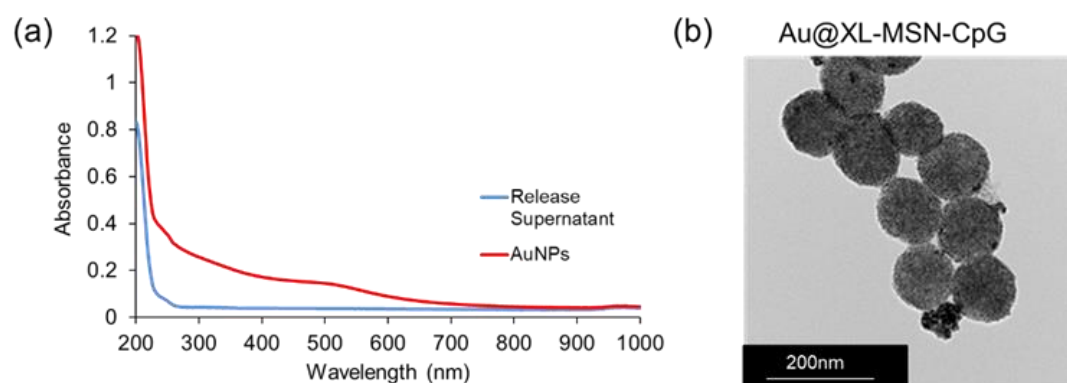


Figure S2. (a) Absorbance spectrum of AuNPs and supernatant collected during CpG-ODNs release test for 72 h. (b) TEM image of Au@XL-MSN-CpG after 72 h of CpG-ODNs release test.

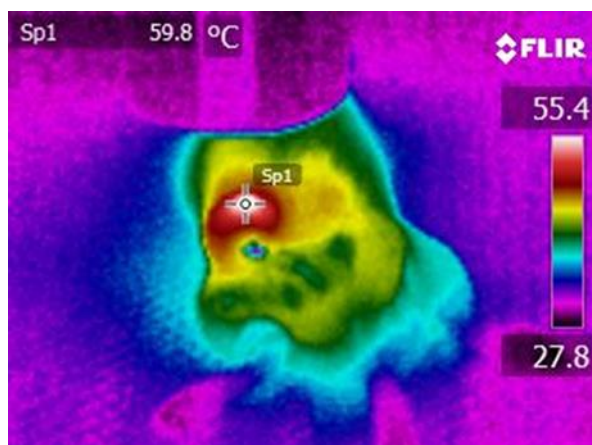


Figure S3. Heat map showing maximum temperature of photothermal therapy on tumor injected with Au@XL-MSN-CpG/PEG using 800 nm NIR laser (0.15 W).

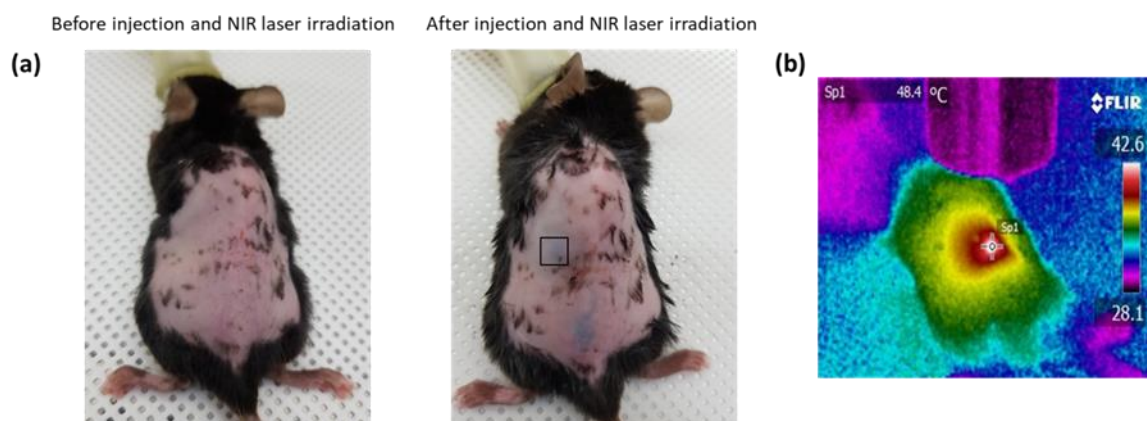


Figure S4. (a) Photos of mice before and after photothermal therapy. (b) Heat map of photothermal therapy.