

Supplementary Materials: Gold Nanocage-Incorporated Poly(ϵ -Caprolactone) (PCL) Fibers for Chemophothermal Synergistic Cancer Therapy

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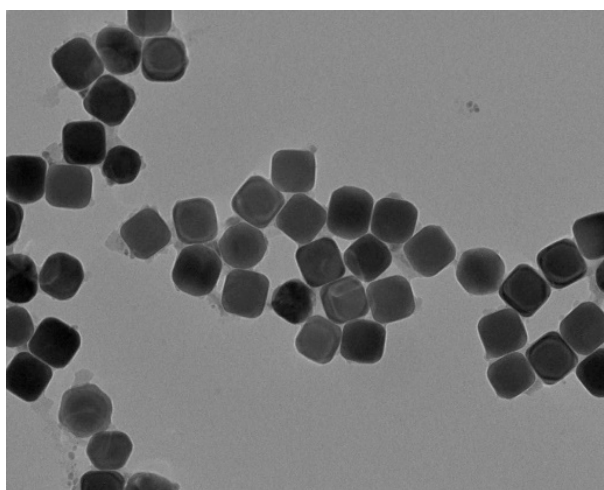


Figure S1. TEM image of AgNCs used for synthesis of AuNCs.

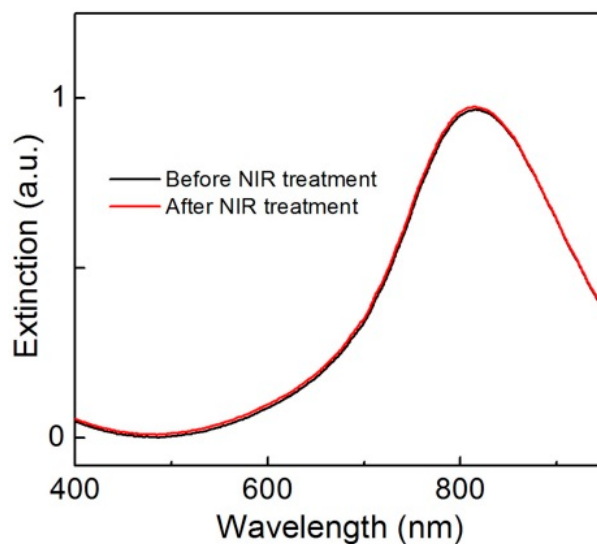


Figure S2. UV-VIS-NIR extinction spectra for phase-transferred AuNCs in chloroform before and after exposure to NIR light (1 W/cm^2 , 808 nm) for 50 min.

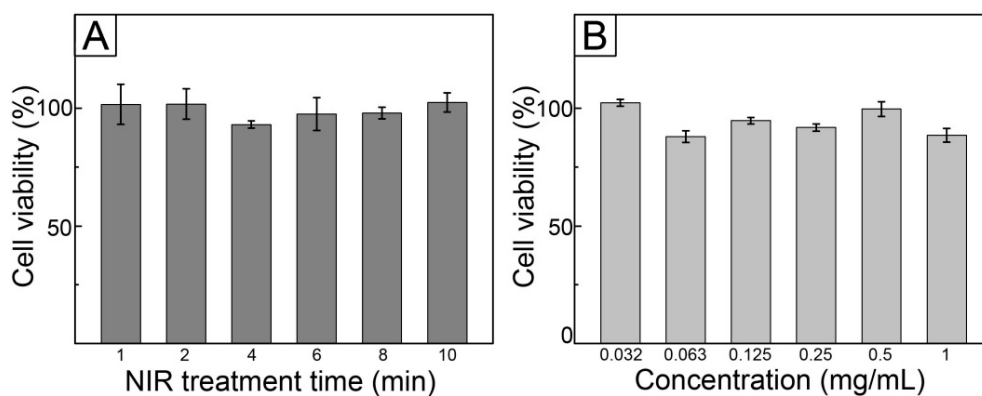


Figure 3. Viability of SK-BR-3 cells treated with: A) NIR light (1 W/cm², 808 nm) and B) phase-transferred AuNCs.

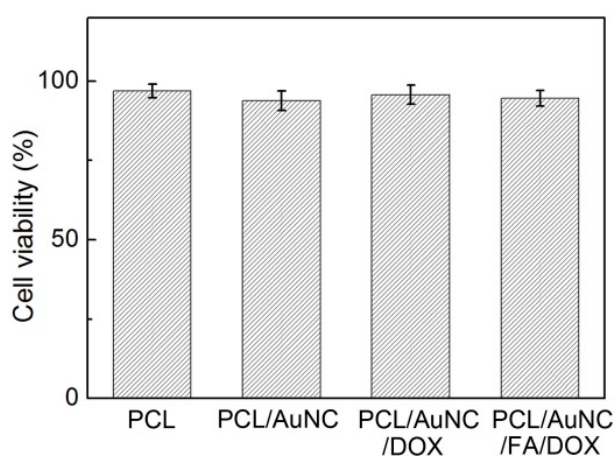


Figure S4. Viability of FB cells treated with plain PCL fibers (PCL), AuNC-incorporated PCL fibers (PCL/AuNC), AuNC-incorporated PCL fibers loaded with DOX (PCL/AuNC/DOX), and AuNC-incorporated PCL fibers with loading of the fatty acid mixture and DOX (PCL/AuNC/FA/DOX).

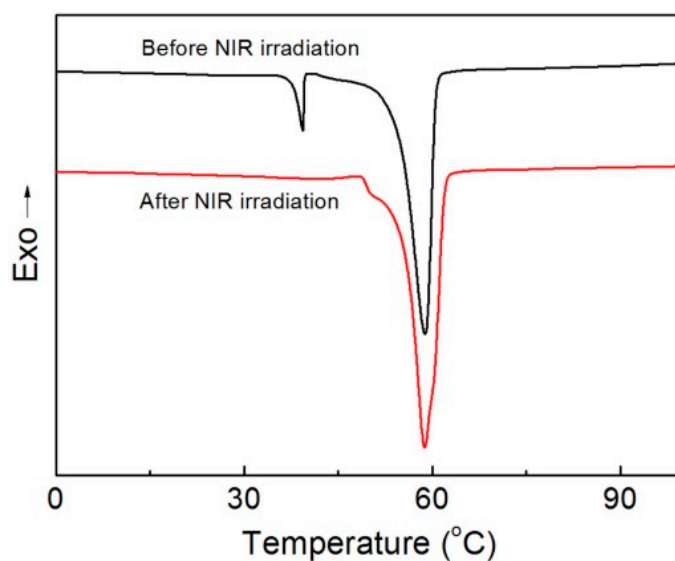


Figure S5. DSC thermograms for AuNC-loaded fibers produced with a W/O emulsions of $f_{fatty}=0.05$ before and after NIR irradiation (1 W/cm², 808 nm).