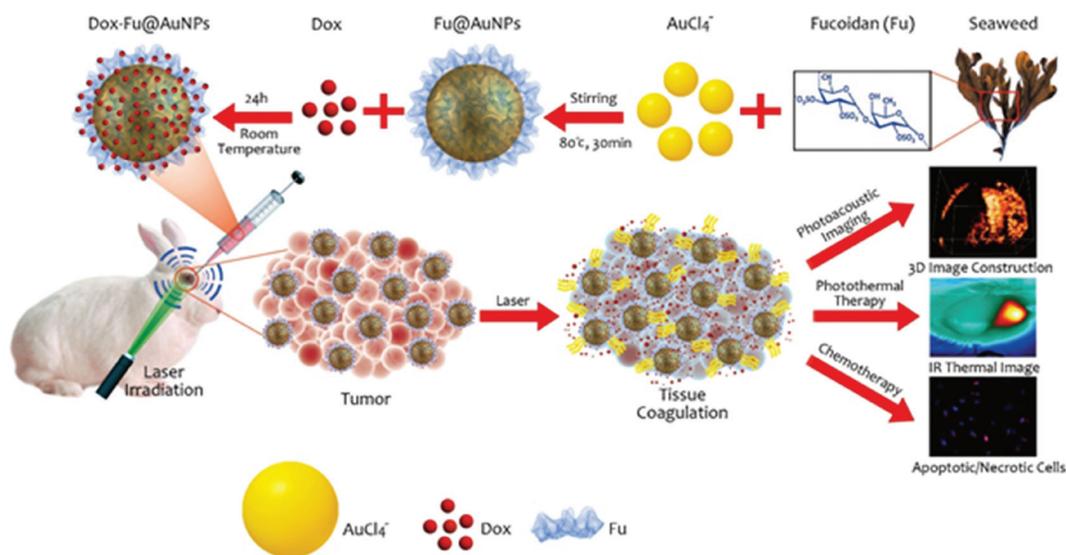
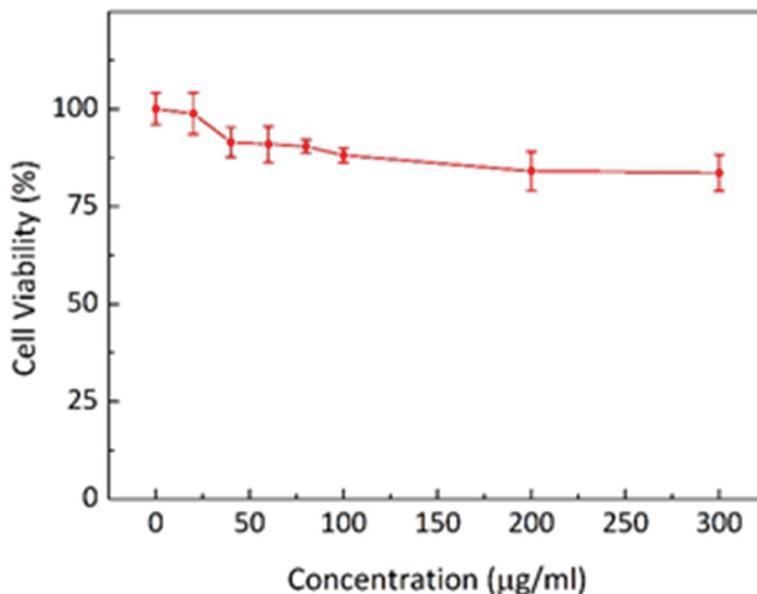


# Doxorubicin-fucoidan-gold nanoparticles composite for dual-chemo-photothermal treatment on eye tumors

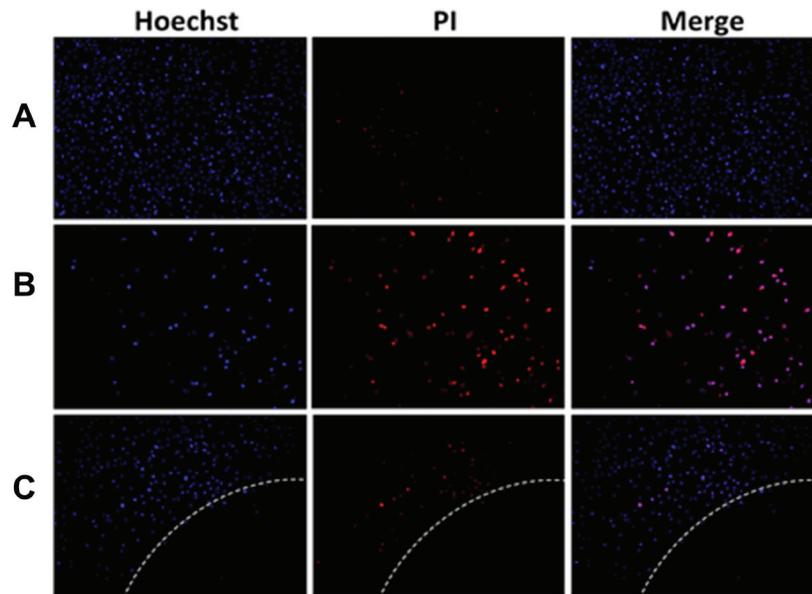
## SUPPLEMENTARY MATERIALS



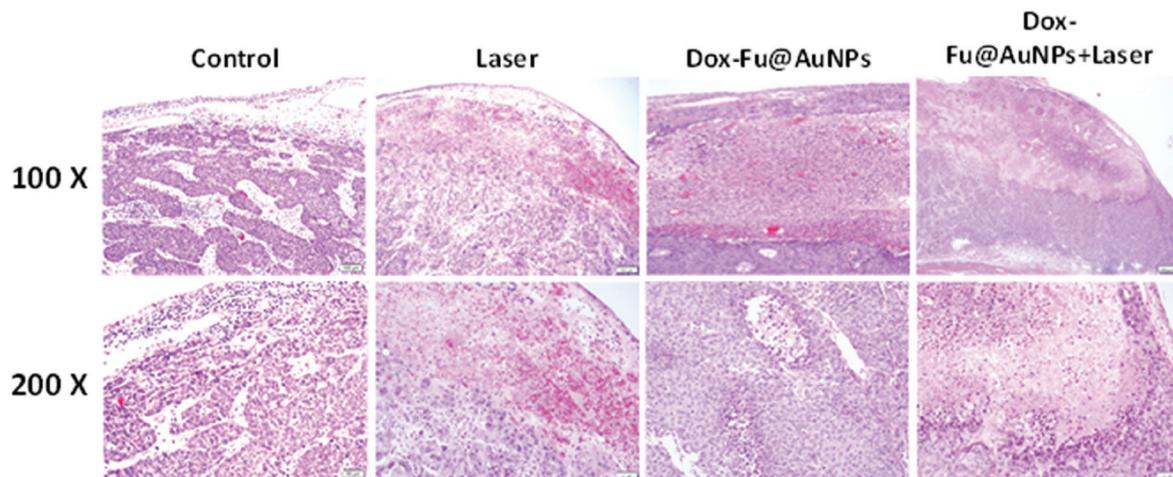
Supplementary Figure 1: Description of Fu and Dox chemical structures and synthetic procedure for biocompatible Dox-Fu@AuNPs.



Supplementary Figure 2: Effect on Dox-Fu@AuNPs on Raw 264.7 macrophages at various concentrations for 24 h.



**Supplementary Figure 3: Fluorescence microscope images of VX2 cells stained with Hoechst and PI after laser irradiation at different positions and staining.** The fluorescence and bright field images of the cells were located: (A) outside, (B) inside, and (C) on the edge near the treated field (20 $\times$ ; bar = 50  $\mu$ m).



**Supplementary Figure 4: Histology images of tumor tissues obtained from four different groups 14 days after each treatment: rabbits treated with saline (control), laser only, Dox-Fu@AuNPs only, and Dox-Fu@AuNPs with laser irradiation.**