

Supporting Information

In Vitro and *In Vivo* Photothermally Enhanced Chemotherapy by Single-Walled Carbon Nanohorns as a Drug Delivery System

Daiqin Chen, Chao Wang, Feng Jiang, Zhuang Liu, Chunying Shu*, and Lijun Wan*

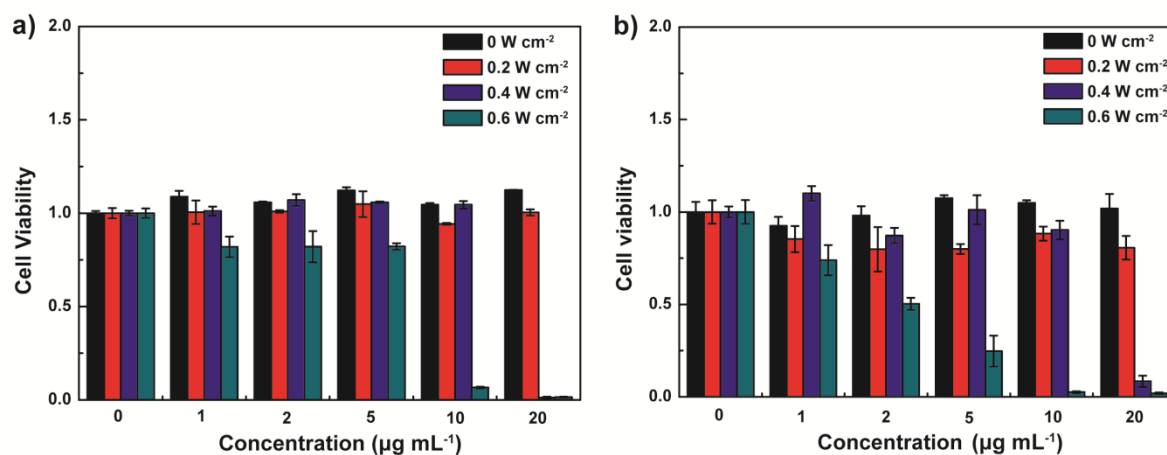


Figure S1. Viability of 4T1 cells incubated with either SWNHs/DCA-HPCHS (a) or DOX-SWNHs/DCA-HPCHS (b) with an 808 nm laser irradiation at a series of power density (0 W cm^{-2} , 0.2 W cm^{-2} , 0.4 W cm^{-2} and 0.6 W cm^{-2}).

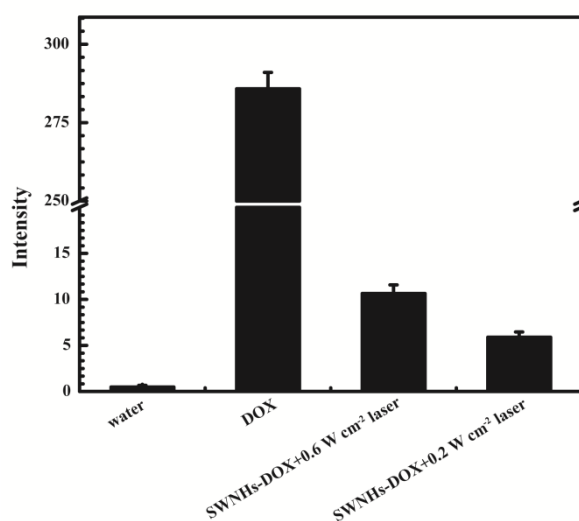


Figure S2. The fluorescence intensity of water, free DOX and DOX-SWNHs/DCA-HPCHS with an 808 nm laser irradiation at either 0.2 W cm⁻² or 0.6 W cm⁻².

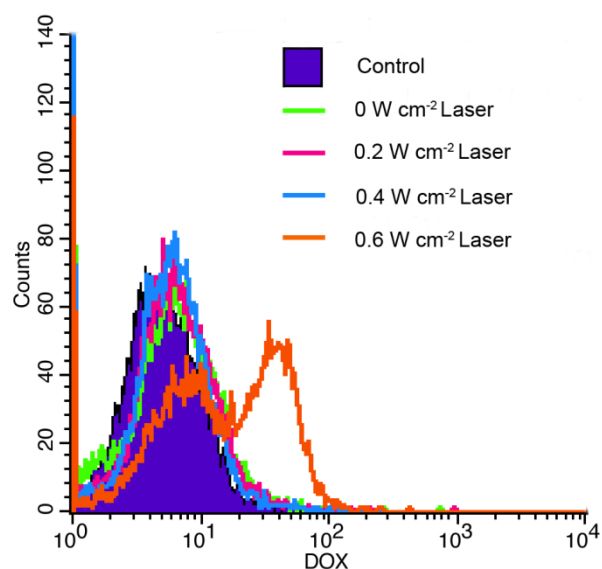


Figure S3. Flow cytometry of 4T1 cells incubated with DOX-SWNHs/DCA-HPCHS exposed to 808 nm laser irradiation at a series of power densities (0 W cm⁻², 0.2 W cm⁻², 0.4 W cm⁻² and 0.6 W cm⁻²).

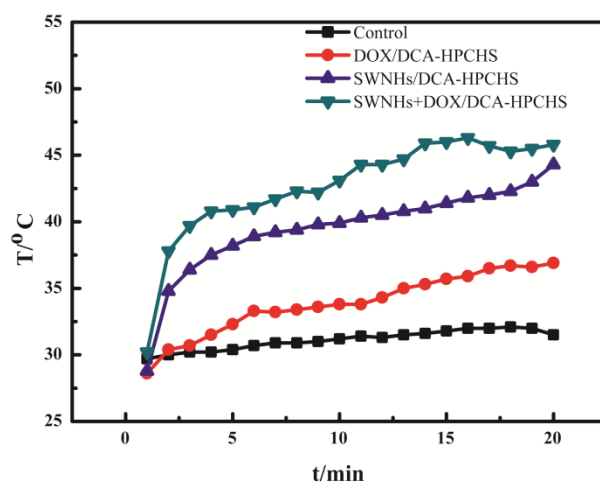


Figure S4. The temperature elevation on the surface of tumors of mice.

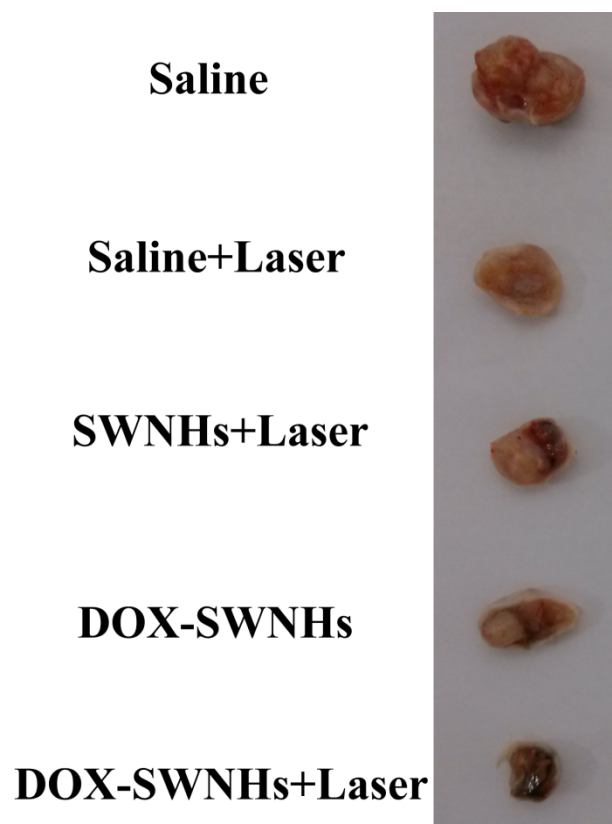


Figure S5. Tumor photographs of the five treated groups.