

Supplementary Information

Multiple Drugs-loaded Electrospun PLGA/gelatin Composite Nanofibers Encapsulated with Mesoporous ZnO Nanospheres for Potential Postsurgical Cancer Treatment

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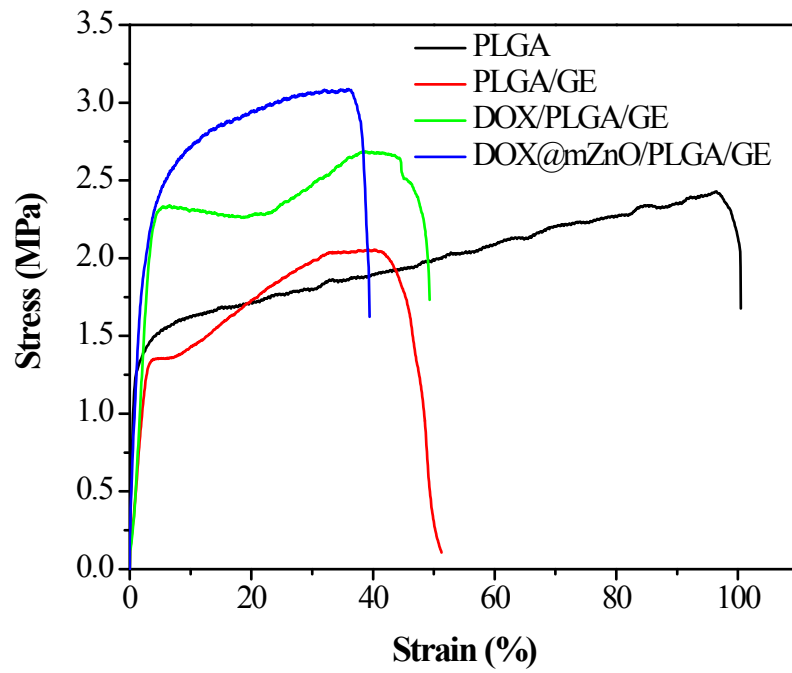


Fig. S1 Typical tensile stress-strain curves of neat PLGA, PLGA/GE, DOX/PLGA/GE and DOX@mZnO/PLGA/GE.

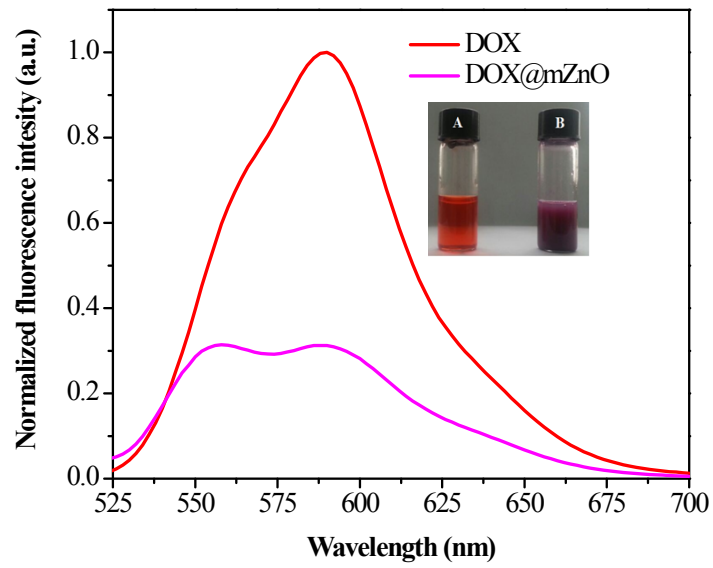


Fig. S2 Normalized fluorescence spectra of DOX and DOX@mZnO (the concentration of DOX was 200 $\mu\text{g}/\text{mL}$ and excitation wavelength was 480 nm). Inset: Photograph of DOX and DOX@mZnO in water under unlight.

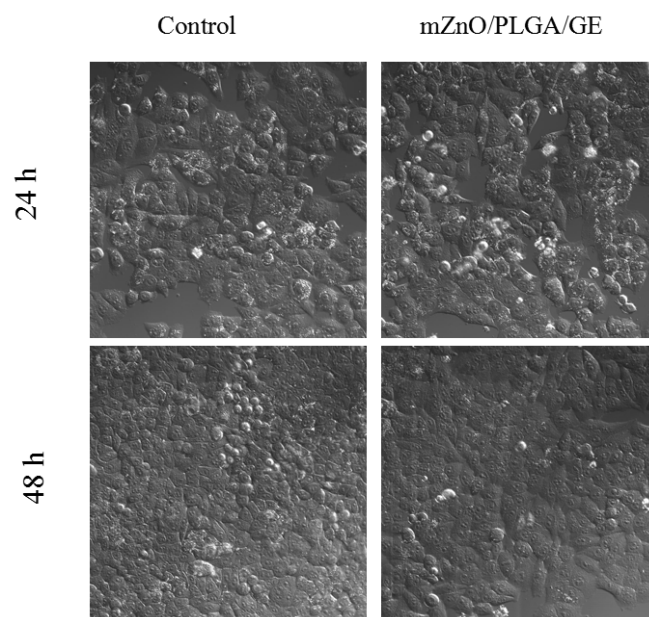


Fig. S3 CLSM bright field images of HepG-2 cells treated with blank media and ZnO/PLGA/GE composite nanofibers for 24 h and 48 h.

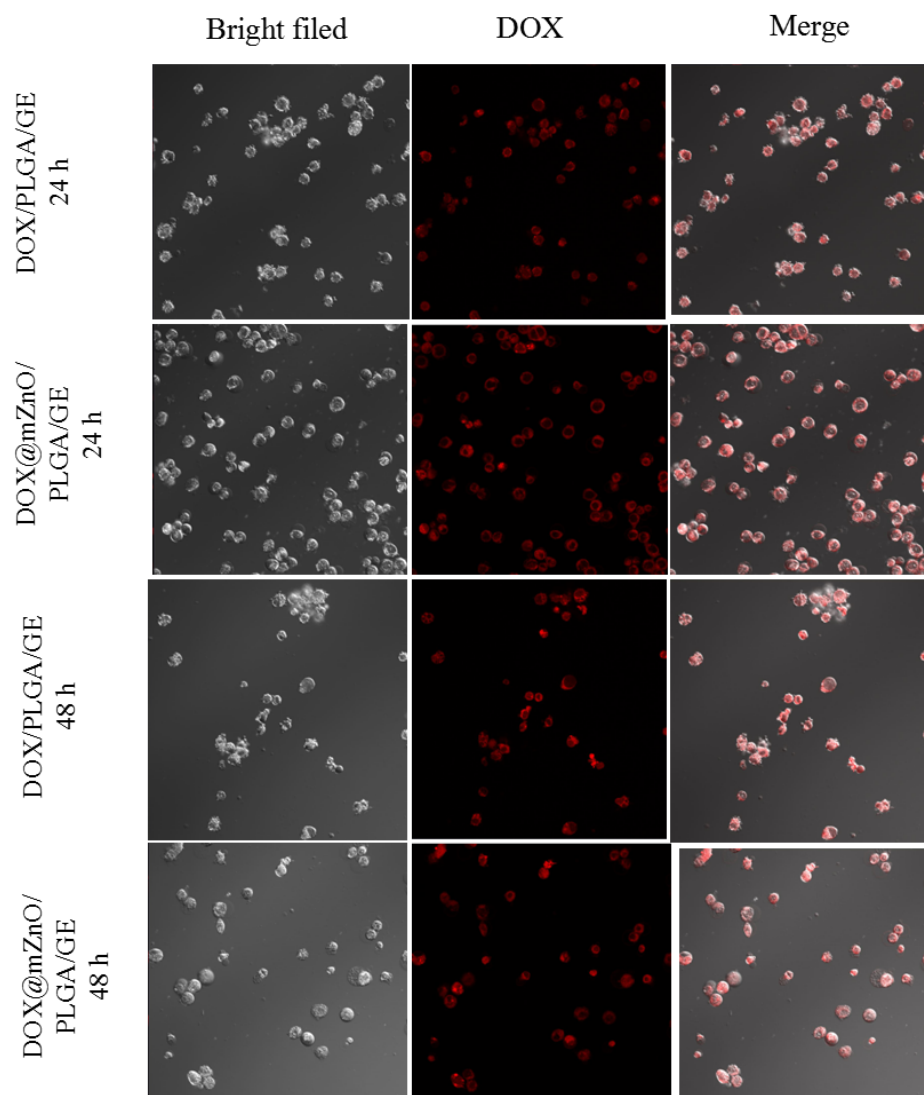


Fig. S4 CLSM images of HepG-2 cells treated with DOX/PLGA/GE and DOX@mZnO/PLGA/GE composite nanofibers for 24 h and 48 h. DOX concentration was 25 $\mu\text{g}/\text{mL}$. Red fluorescence represented the released DOX.