Electronic Supplementary Material (ESI) for Journal of Materials Chemistry B.

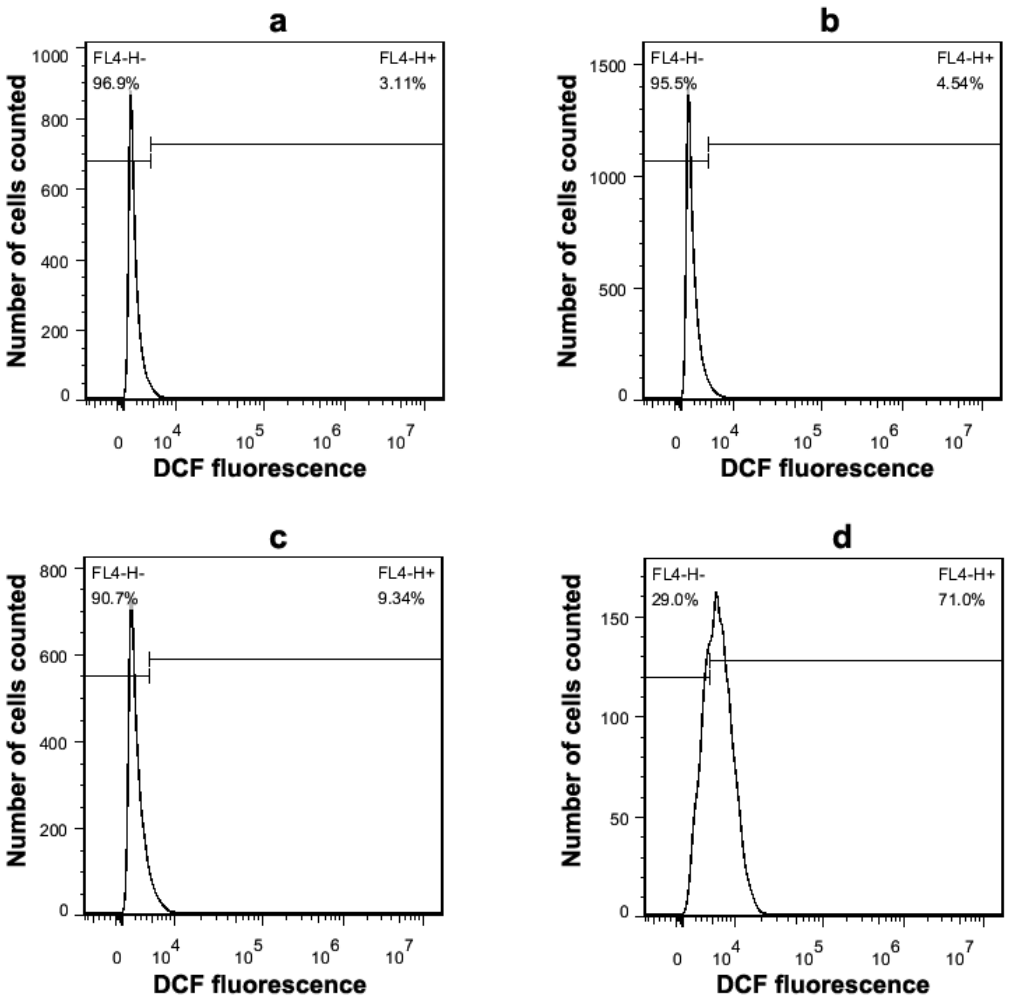

Fig. S1. Intracellular ROS quantitative determination of a) blank cells, b) blank cells with 808nm laser irradiation, c) TiO_2@MWCNTs and d) TiO_2@MWCNTs with 808nm laser irradiation.

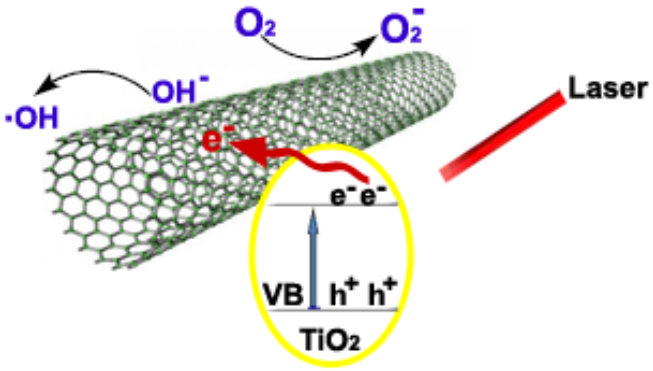

Fig. S2. Schematic illustration of charge-transfer and ROS production process in TiO_2@MWCNTs nanocomposites with laser irradiation.

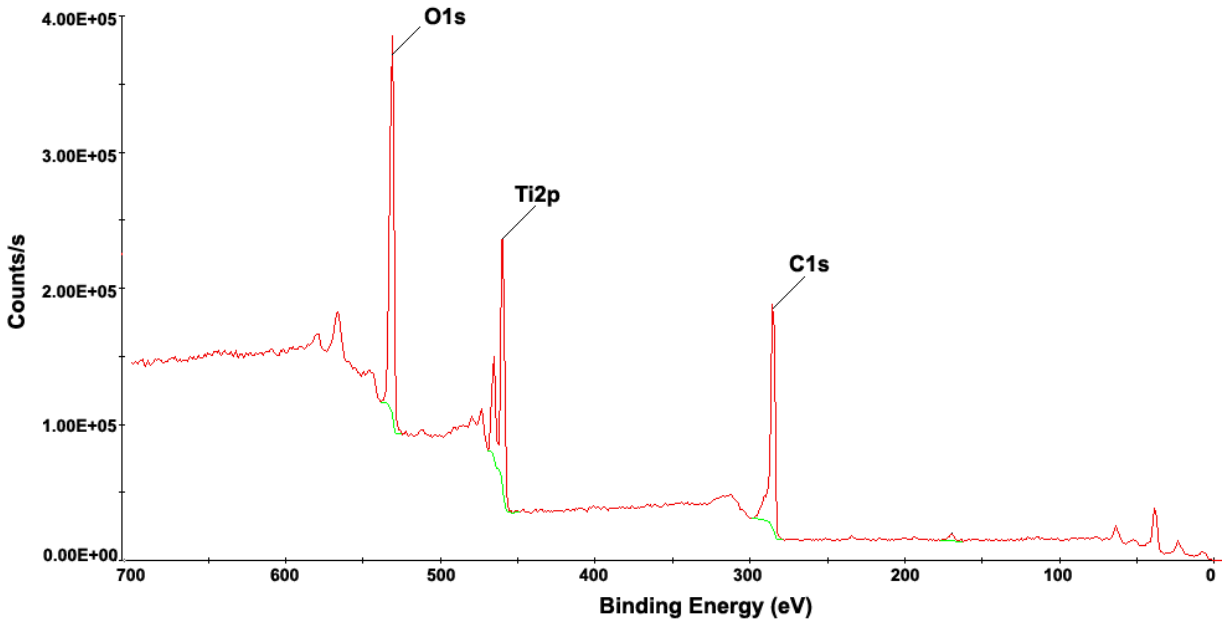

Fig. S3. XPS spectra of TiO_2@MWCNTs nanocomposites.

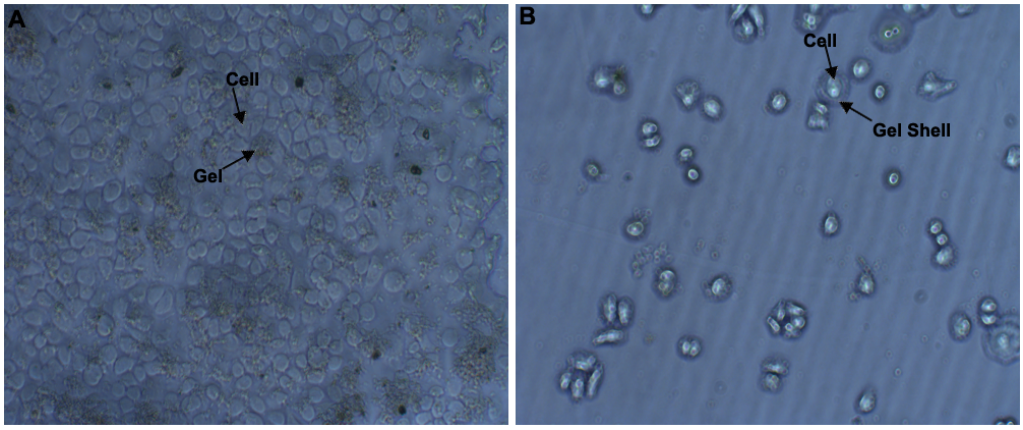

Fig. S4. Images of the location about the hydrogel formed inside or outside cancer cells recorded by the microscope (200x): A) the image recorded at 1h after the hydrogel formed; B) the image recorded at 72h after the hydrogel formed.

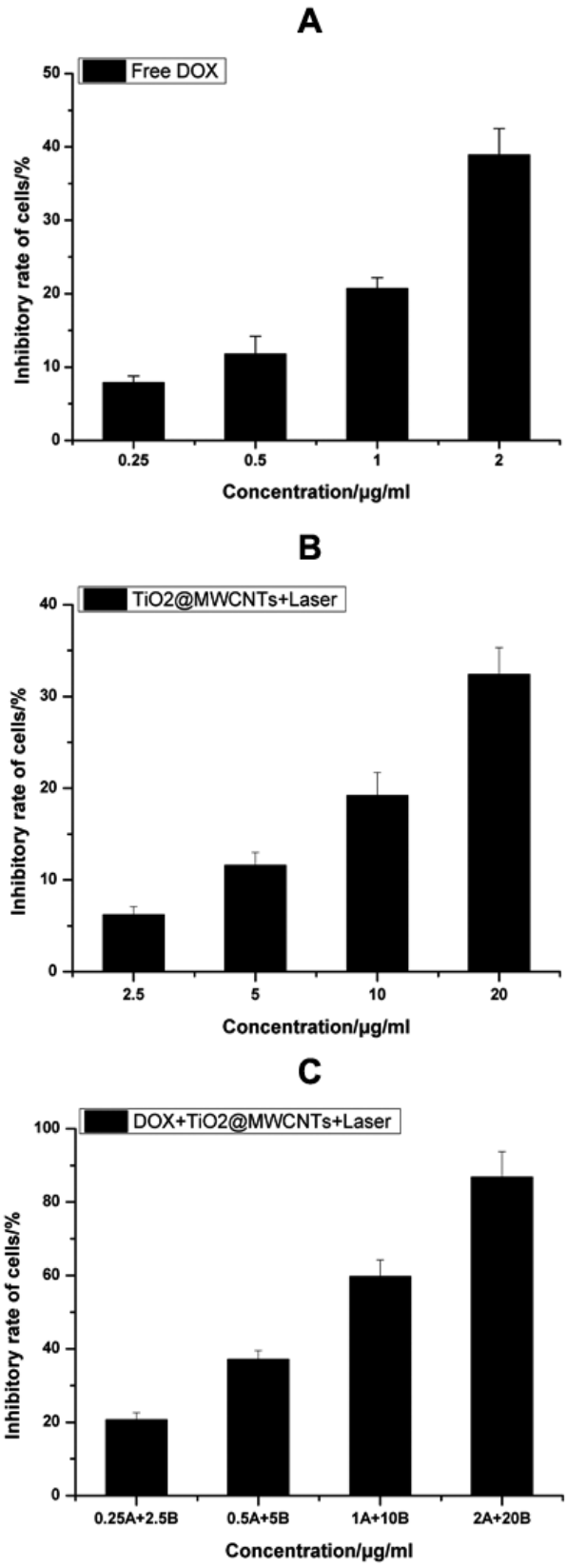

Fig. S5. The DOX and TiO2@MWCNTs combination studies at 24h. Note: ata are presented as mean ± standard deviation (n = 6).