

Supporting Information

Carbon dots derived from tea polyphenols as photosensitizers for photodynamic therapy

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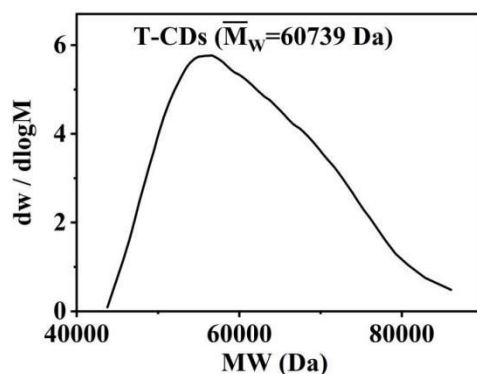


Figure. S1 Molecular weight distribution of T-CDs determined by GPC.

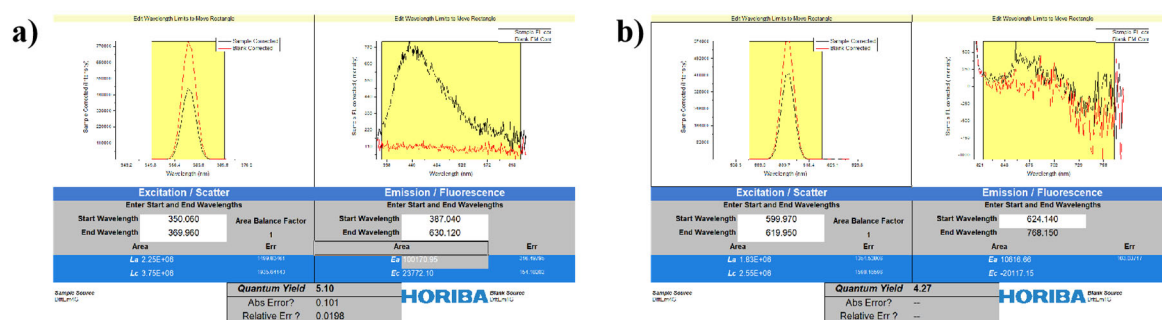


Figure. S2 Absolute fluorescence quantum yield of in H₂O under a) 360 nm and b) 610 nm excitation

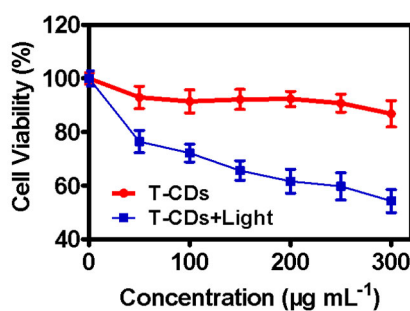


Figure. S3 Corresponding quantitative curve of cell viability for MTT results of the 4T1 cells treated with T-CDs in the dark and under LED light irradiation (12 min).

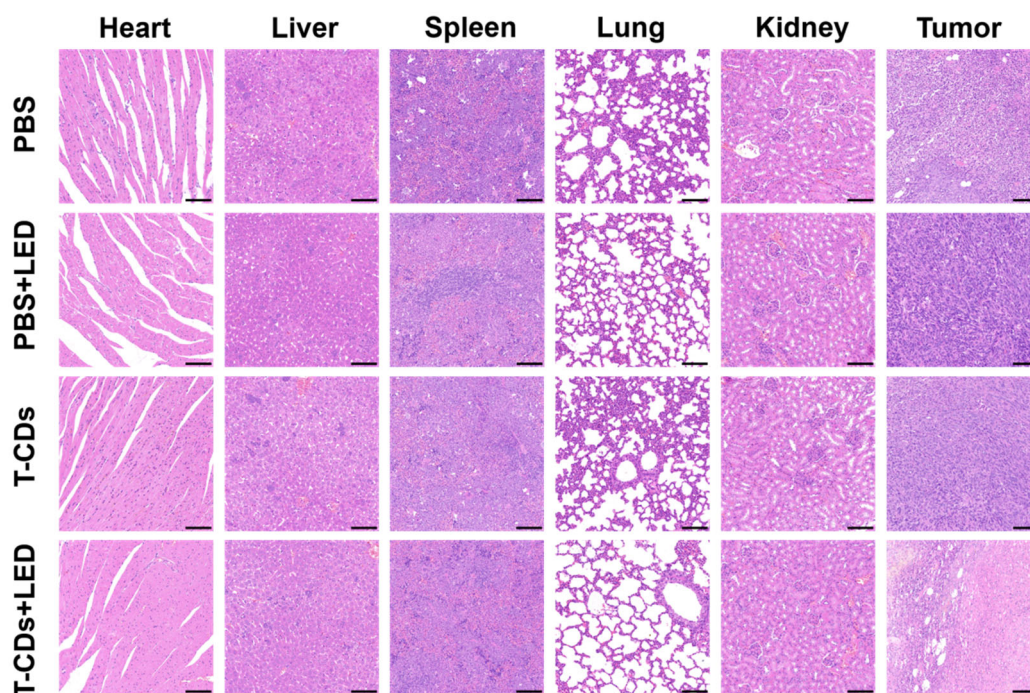


Figure. S4 Histological analysis of heart, liver, spleen, lung, kidney, and tumor of the mice for different groups after PDT (Scale bar = 50 µm)