

Supplementary Materials: In Vitro Photodynamic Effect of Phycocyanin against Breast Cancer Cells

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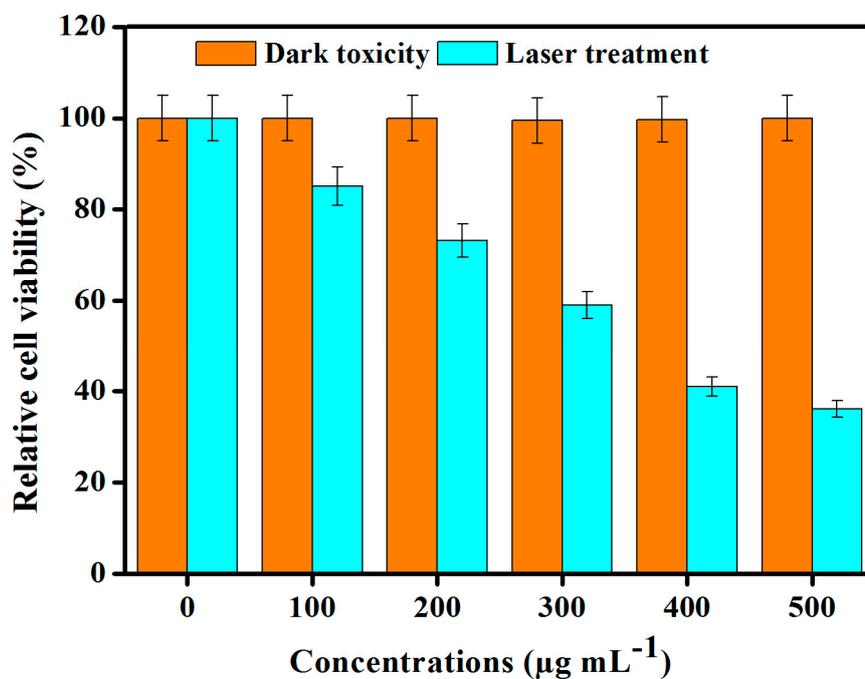


Figure S1. HEK-293 cell viability percentage was measured by MTT assay. Cell viability percentage is expressed as a value relative to that of the c-phycocyanin untreated cells which are set to 100%. Cell viability was not disturbed in the absence of light and it was reduced after PDT treatment using 625-nm laser treatment at $80 \text{ mW}\cdot\text{cm}^{-2}$ power density for 30 min.

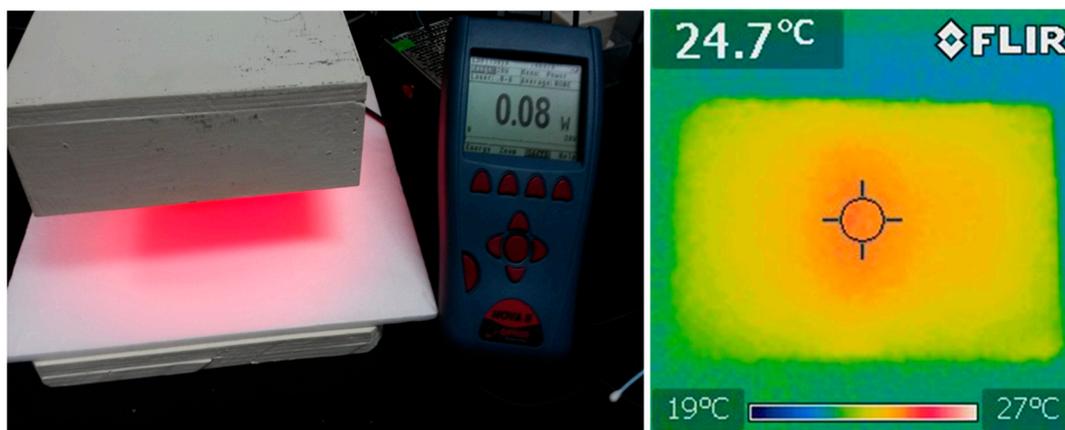


Figure S2. The 625-nm laser setup with 80 mW power density and infrared photograph showed the temperature level of 96-well plate with MBA-MD-231 cells after 30 min laser exposure.

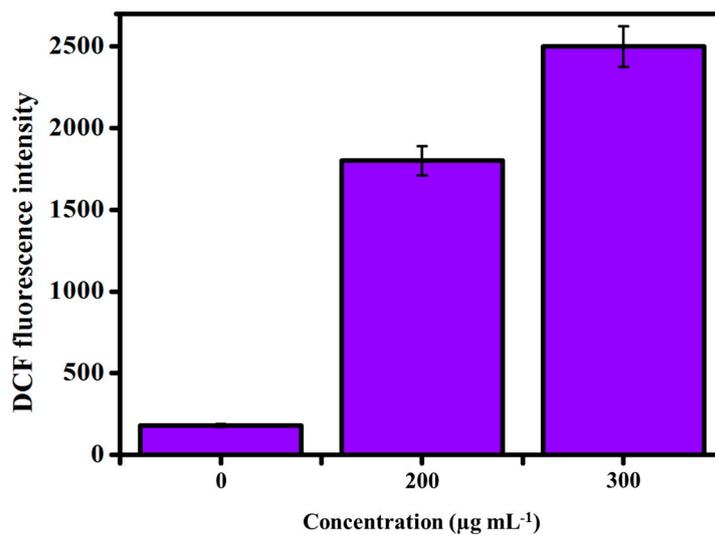


Figure S3. The increasing fluorescence intensity of DCF in different concentrations of c-phycocyanin sensitized MBA-MD-231 cells after PDT treatment using 625-nm laser at $80 \text{ mW}\cdot\text{cm}^{-2}$ for 30 min.

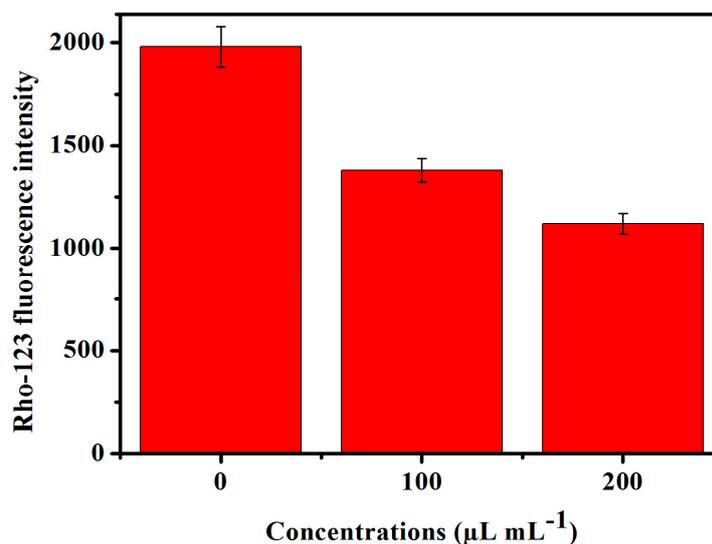


Figure S4. The decreasing fluorescence intensity of Rho-123 in different concentrations of c-phycocyanin sensitized MBA-MD-231 cells after PDT treatment using 625-nm laser at $80 \text{ mW}\cdot\text{cm}^{-2}$ for 30 min.