

Cerium Oxide-based Nanomedicine for pH-triggered Chemodynamic/Chemo Combination Therapy

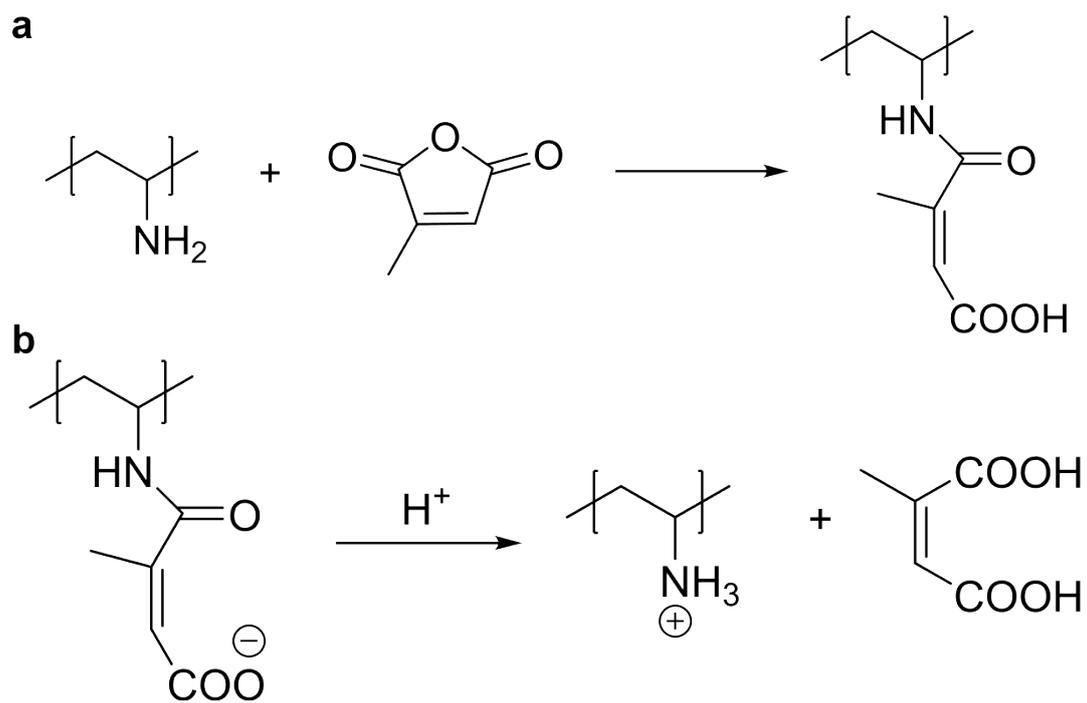
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1. Supporting figures



Scheme S1. (a) Synthetic route of PAH-MMA. (b) Mechanism of charge-reversal of PAH-MMA under proton.

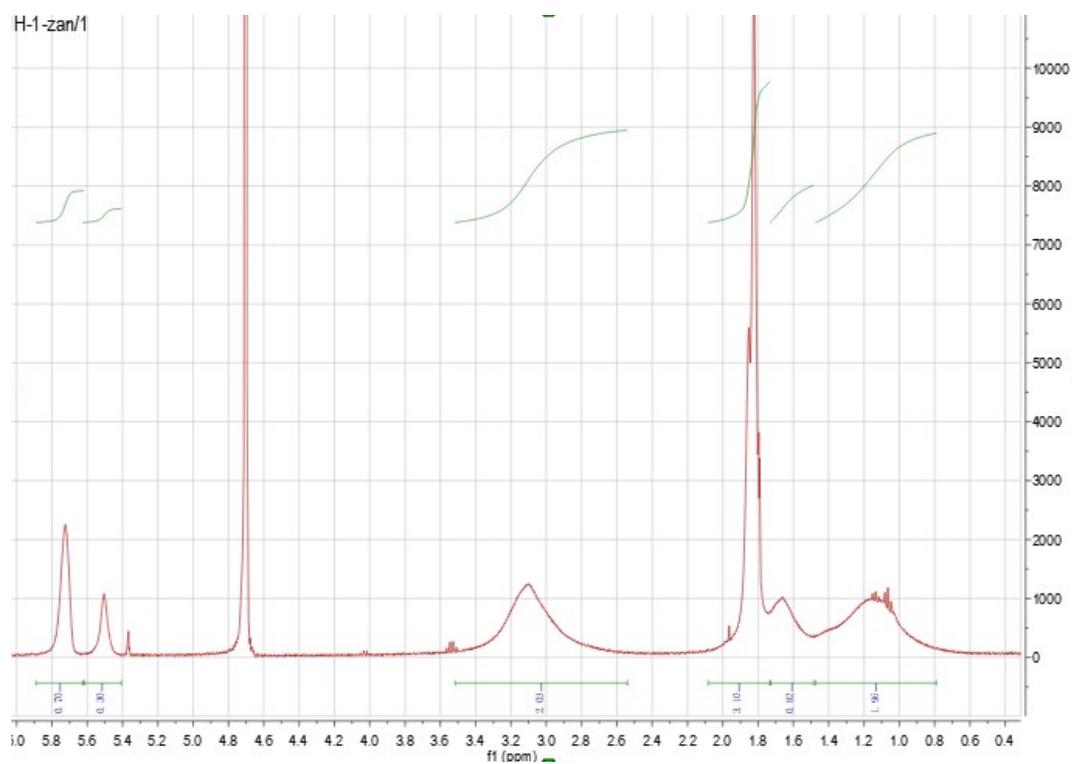


Figure S1. ^1H NMR of PAH-MAA.

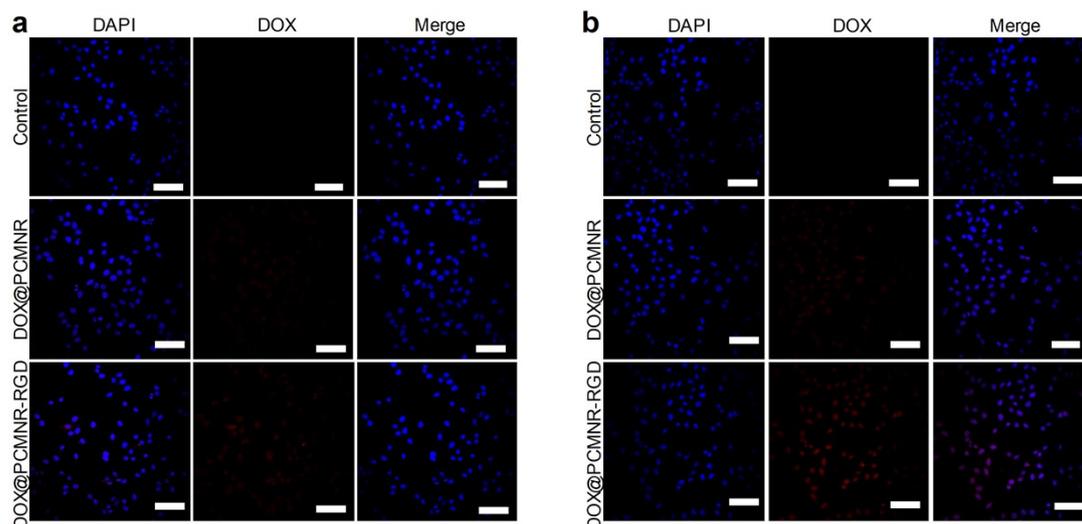


Figure S2. Confocal images of HeLa cells after incubation with DOX@PCMNR or DOX@PCMNR-RGD for 1 h (a) and 2 h (b). The scale bars represent 100 μm.

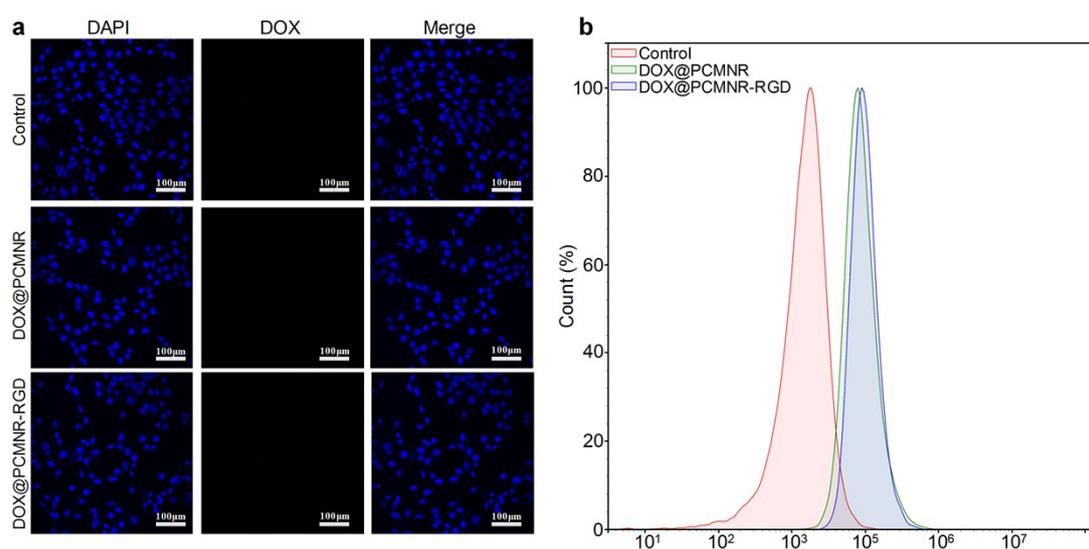


Figure S3. (a) Confocal fluorescence images of NIH3T3 cells under different treatments. (b) Flow cytometry analysis of fluorescence intensity of NIH3T3 cells under different treatments.

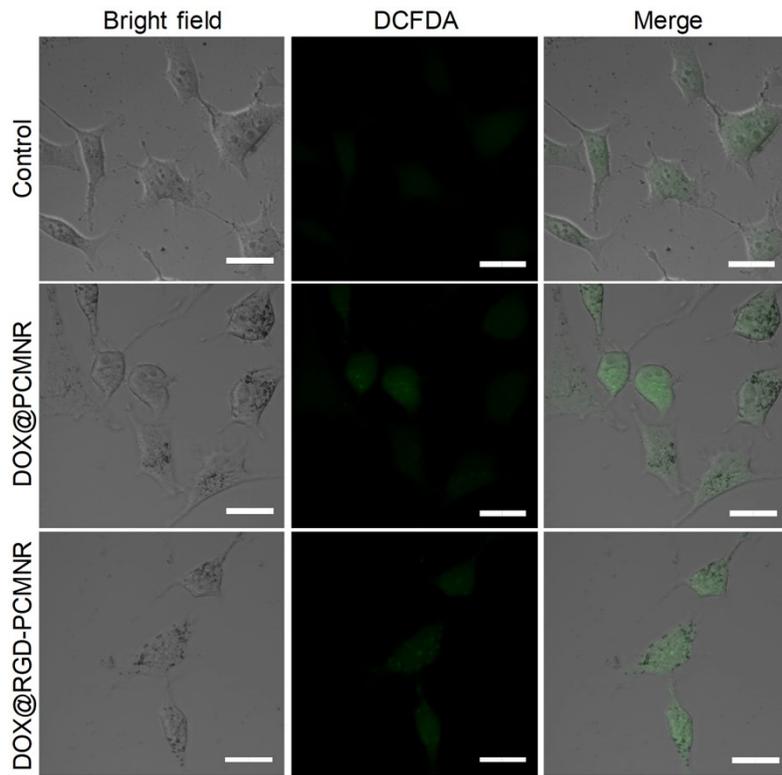


Figure S4. Intracellular ROS generation of nanomedicines indicated by DCFDA. The scale bars represent 20 μm .

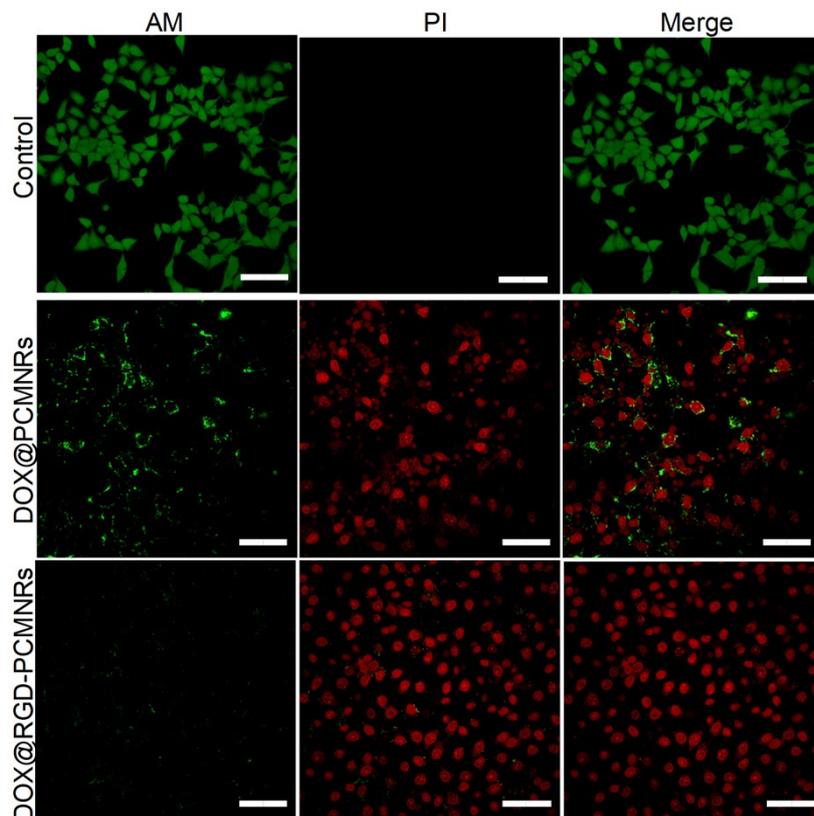


Figure S5. Live/dead assays of HeLa cells treated with DOX@PCMNR or DOX@PCMNR-RGD for 40 h. The scale bars represent 100 μ m.

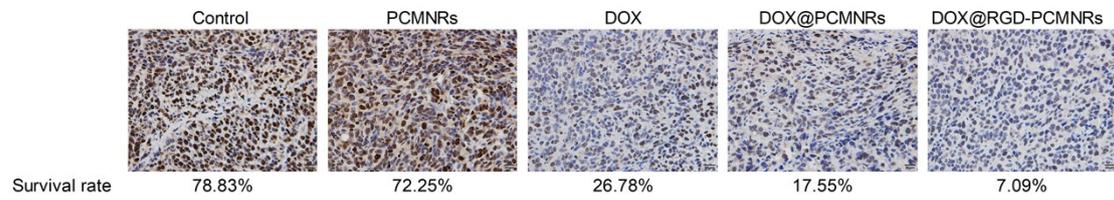


Figure S6. PCNA staining of tumor slices from tumor bearing mice under different treatments.