

A new tandem peptide modified liposomal doxorubicin for tumor “ecological therapy”

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Supplementary Information

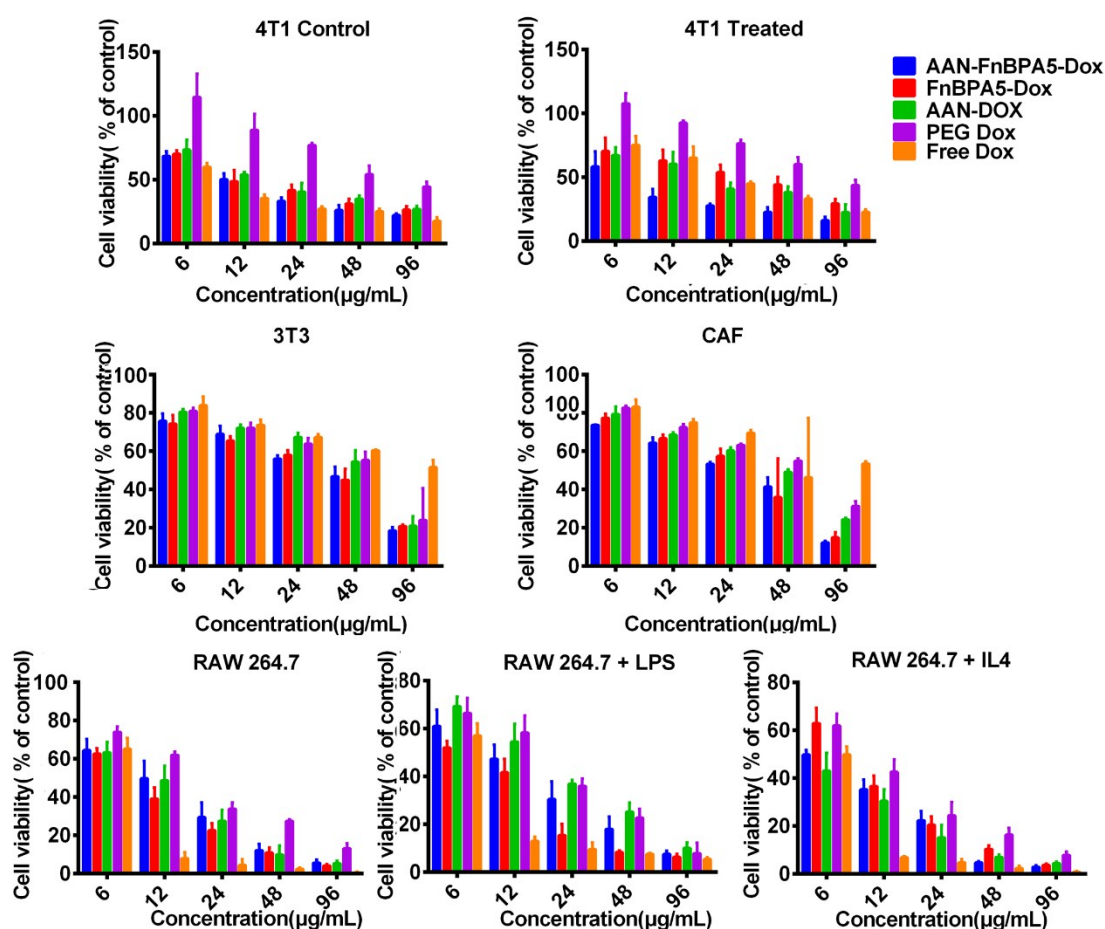


Fig. S1 Cell viability of AAN-FnBPA5-Dox, FnBPA5-Dox, AAN-Dox, PEG Dox and Free Dox for 24 h.

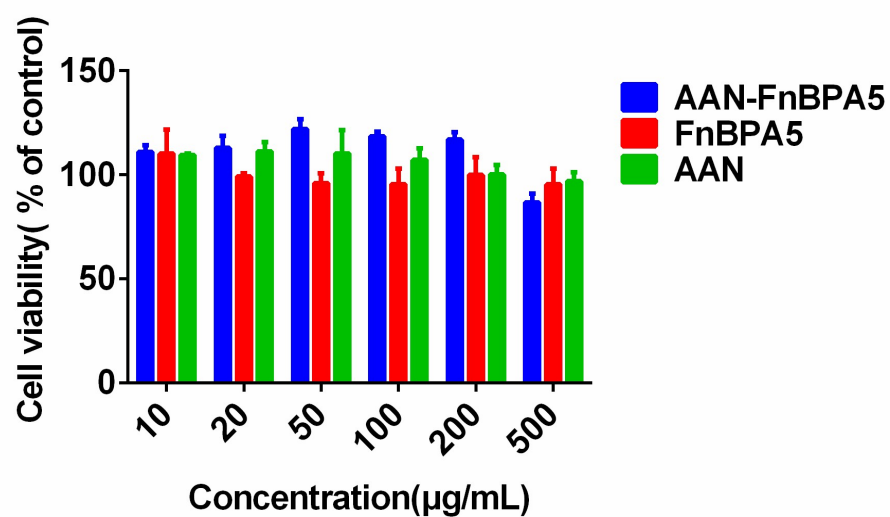


Fig. S2. Cell viability of AAN-FnBPA5, FnBPA5, AAN for 24 h.

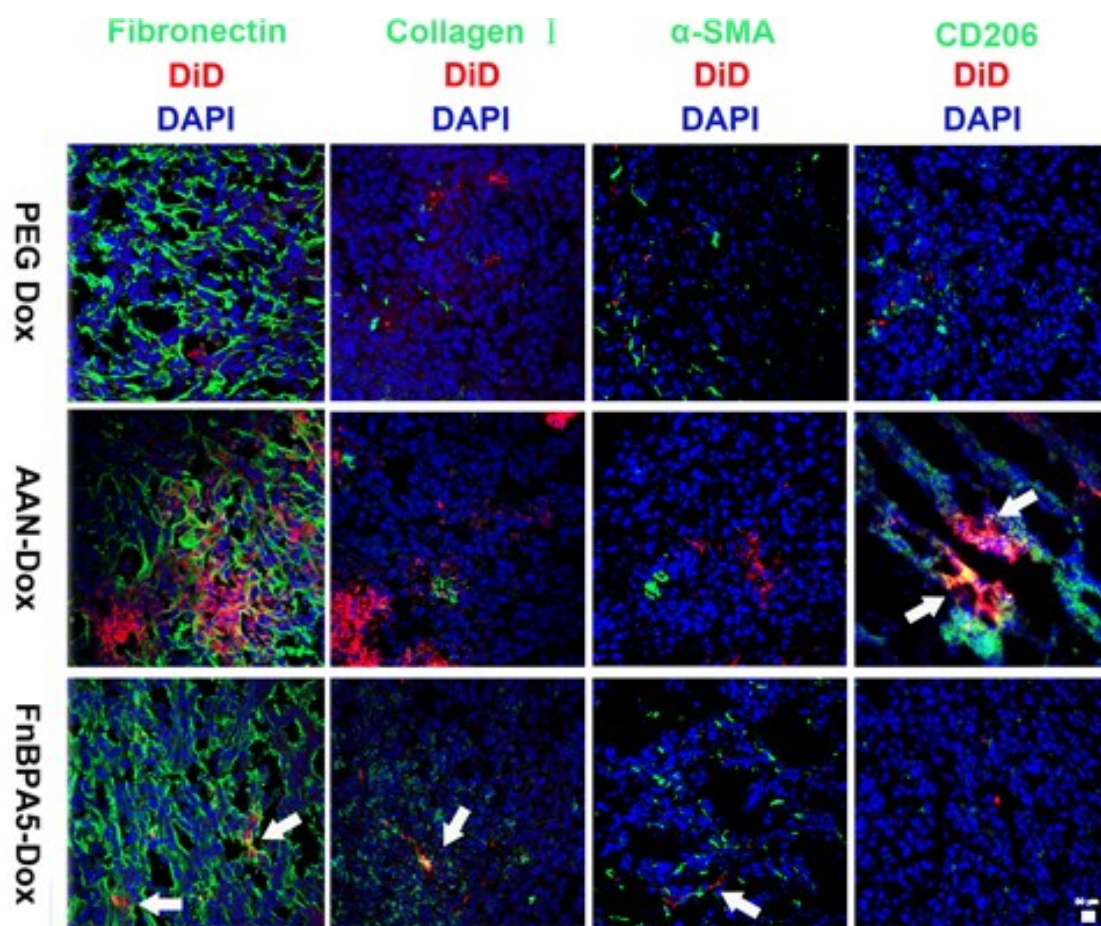


Fig.S3. Fibronectin and collagen I were stained by corresponding antibodies (green) in FnBPA5-Dox, AAN-Dox and PEG Dox groups. CAFs were stained by α -SMA (green) and M2 macrophages were stained by CD206 (green). The different co-location was marked (yellow). Cell nuclei were labeled by DAPI (blue). Scale bar = 20 μ m.

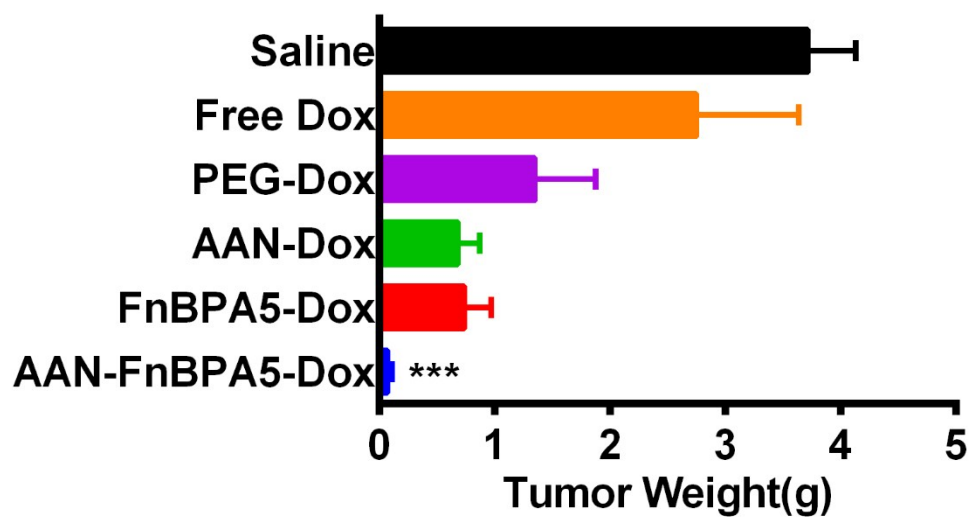


Fig. S4. Average tumor weight after treatment in liposomes and Free Dox. (n = 5, mean \pm SD, ***p < 0.001)

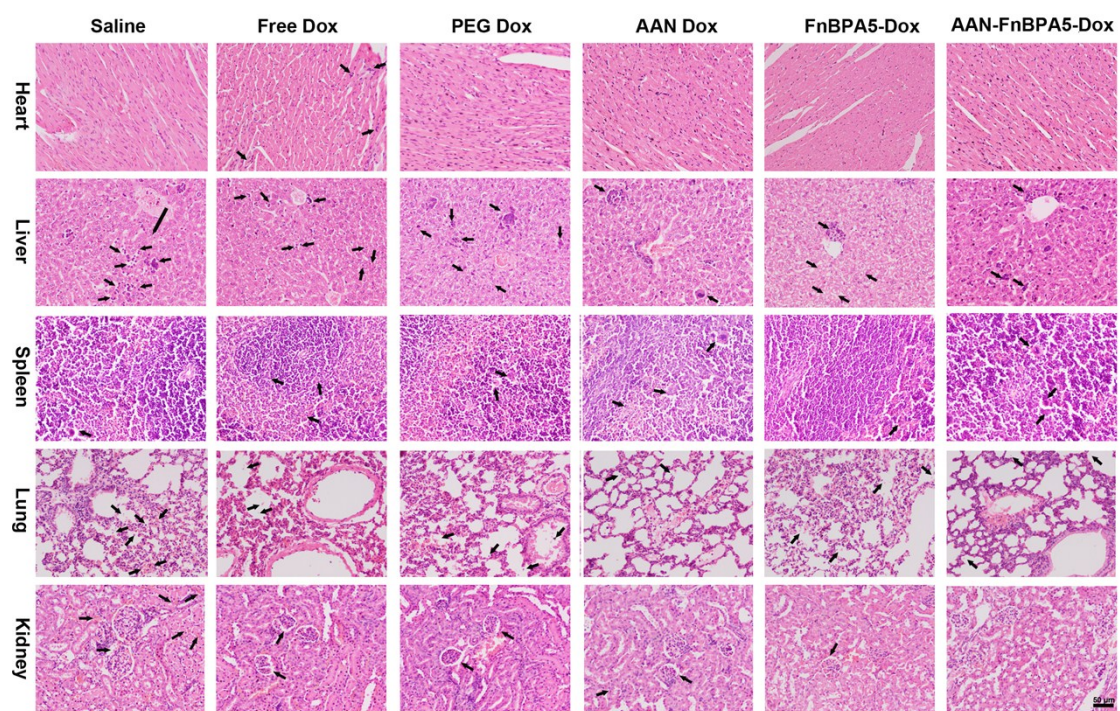


Fig. S5. Safety evaluation of drug-loaded liposomes in major organs. H&E with magnification of 200 \times , scale bar = 50 μ m