

T cell membrane cloaking tumor microenvironment-responsive nanoparticle with smart “membrane escape mechanism” for enhanced immune-chemotherapy of melanoma

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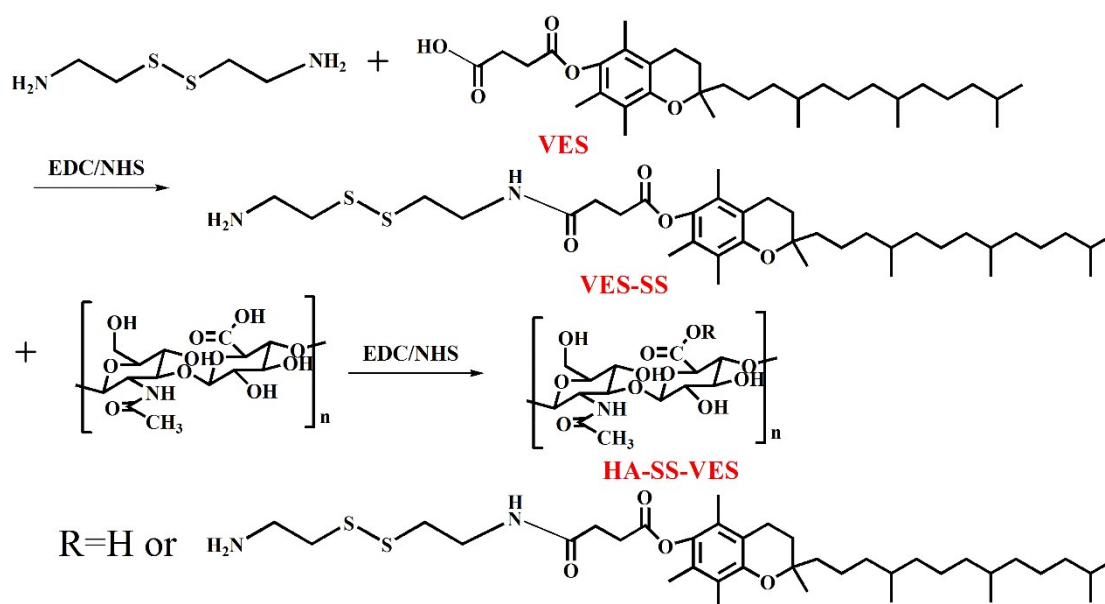


Fig.S1: synthesis route of HA-SS-VES.

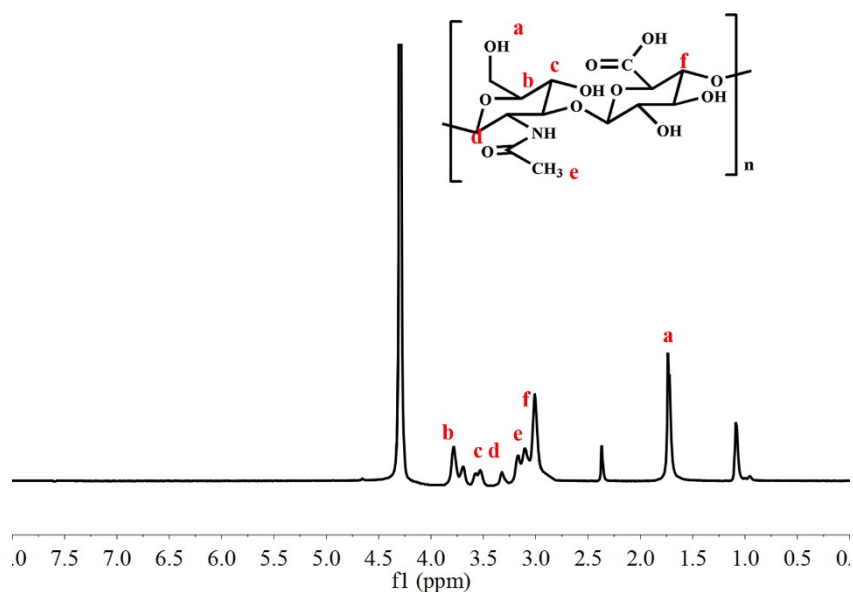


Fig.S2: ¹H-NMR spectrum of HA.

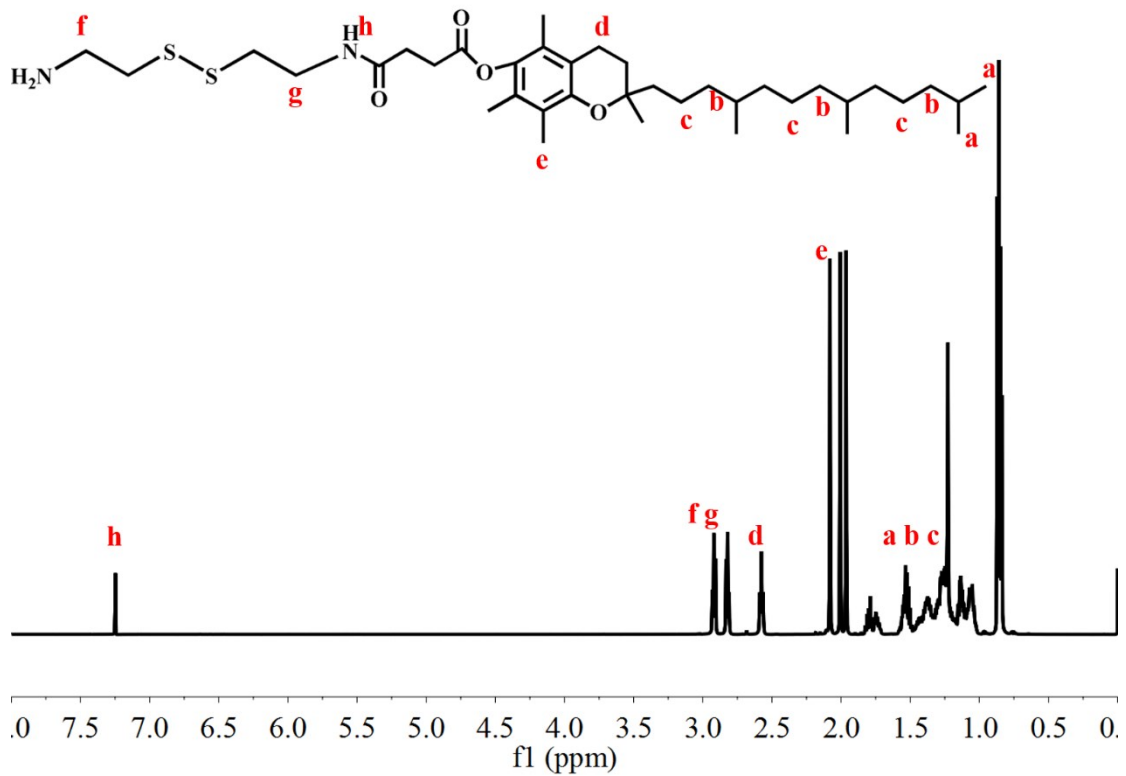


Fig.S3: ¹H-NMR spectrum of SS-VES.

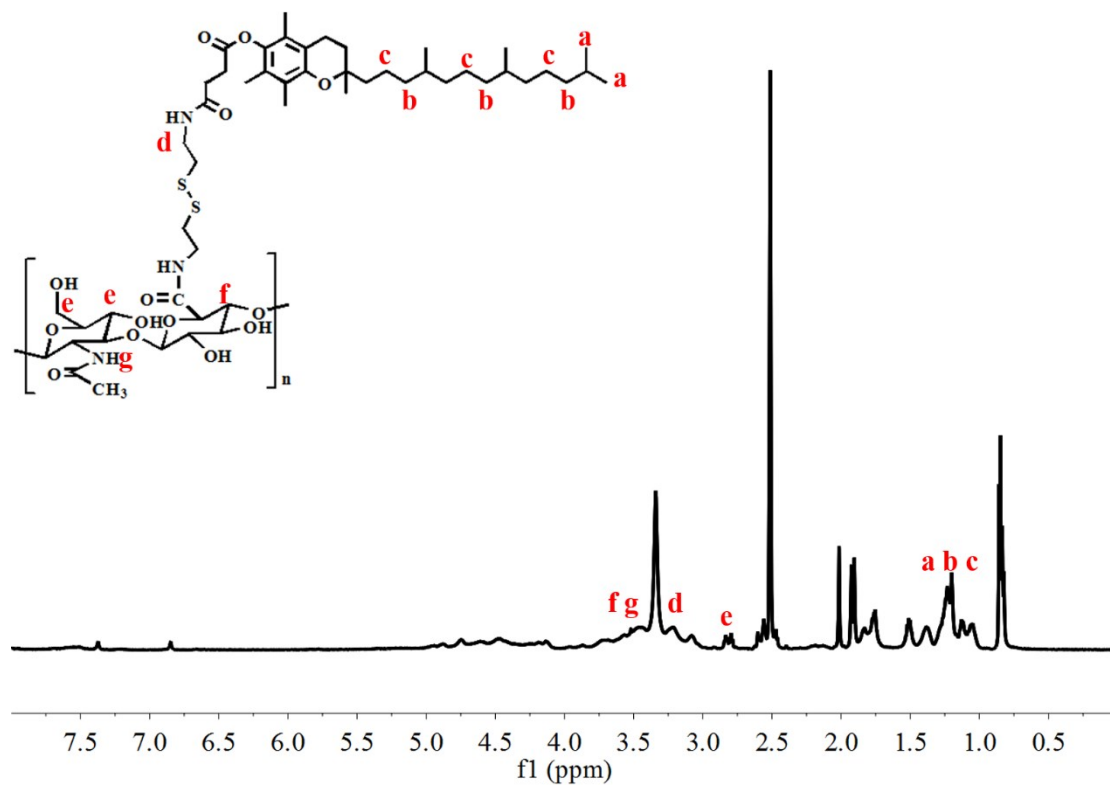


Fig.S4: ¹H-NMR spectrum of HA-SS-VES.

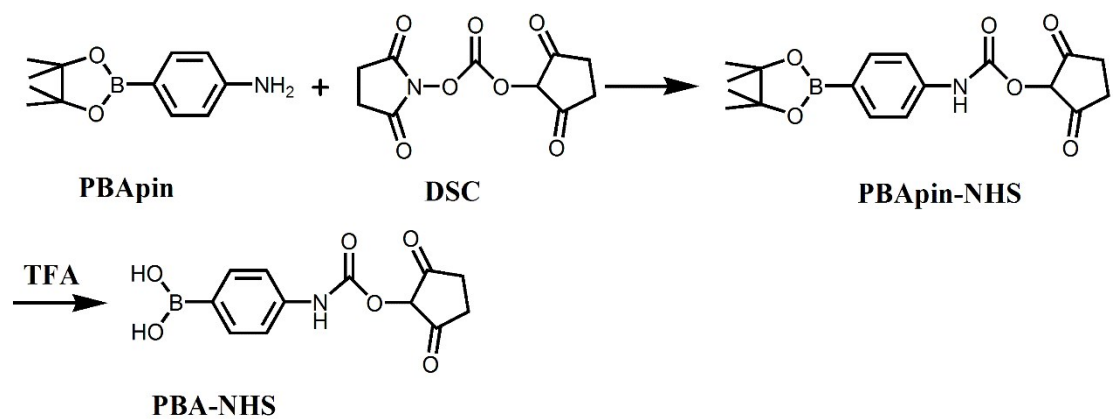


Fig.S5: synthesis route of PBA-NHS.

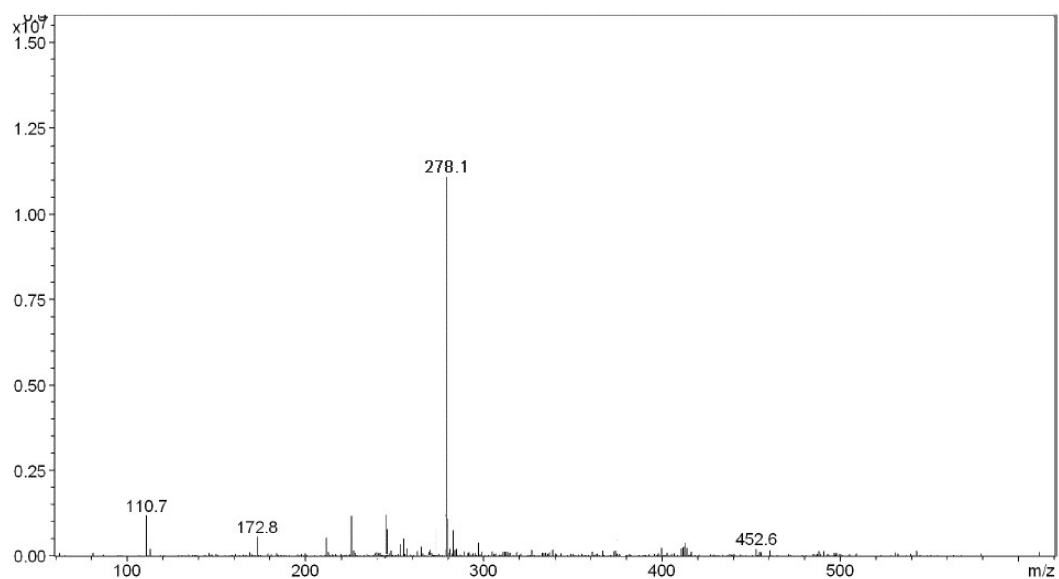


Fig.S6: mass spectrometry of PBA-NHS.

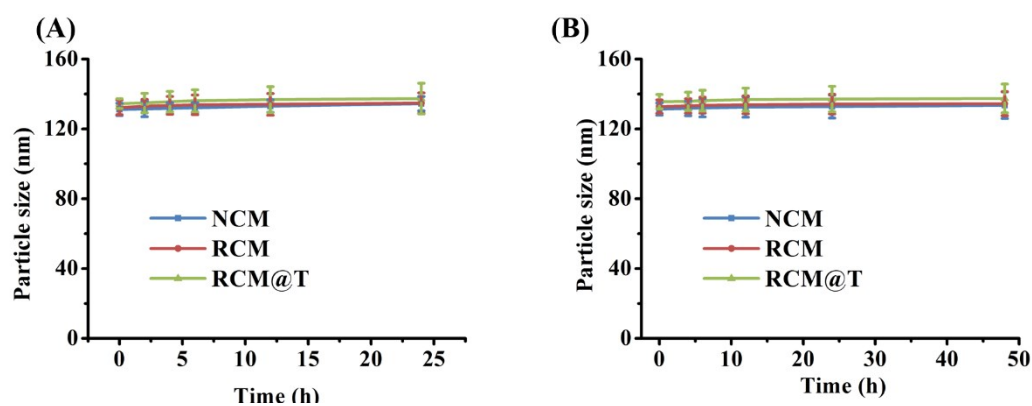


Fig.S7: serum stability (A) and storage stability (B) of different formulations.

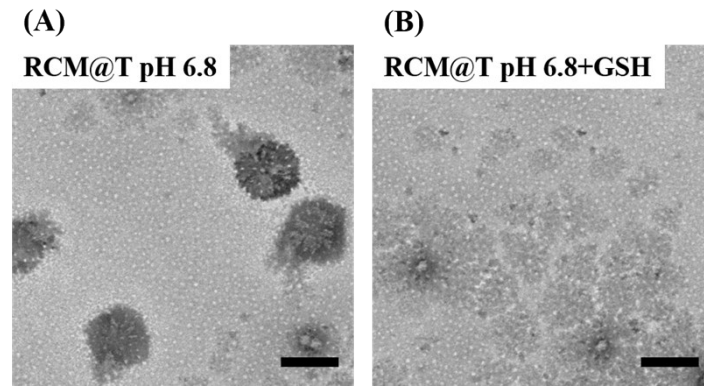


Fig.S8: TEM image of RCM@T in pH 6.8 and pH 6.8+GSH. Scale bars represented 100 nm.

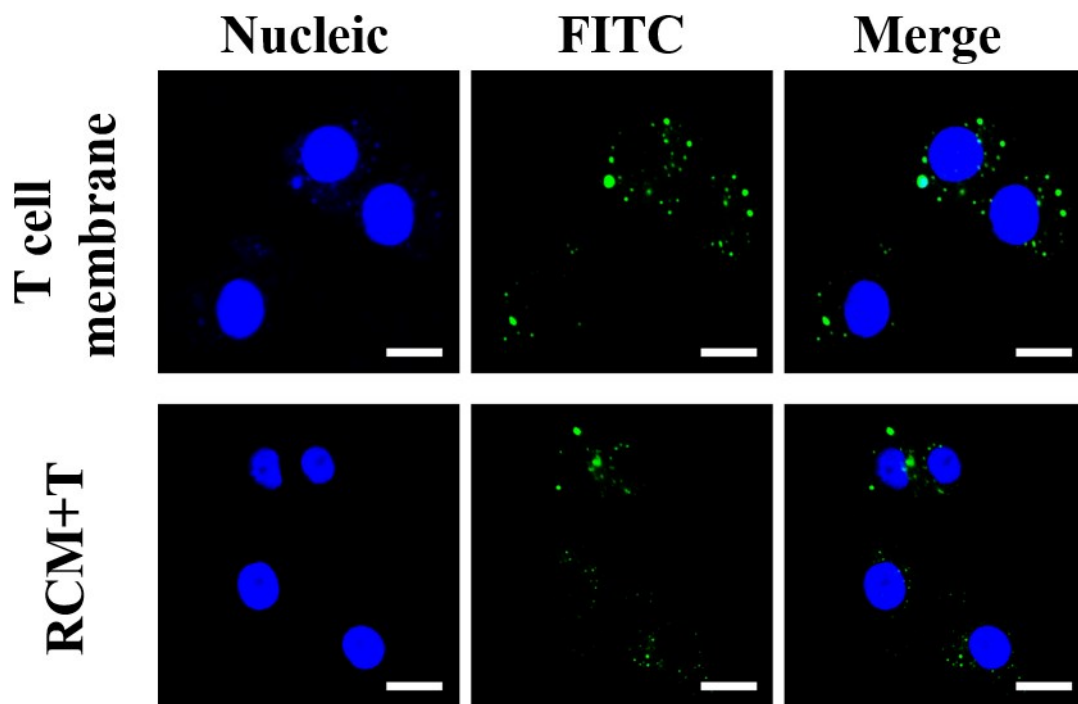


Fig.S9: interaction between T cell membrane and B16 cell line. Scale bars represented 20 μm.

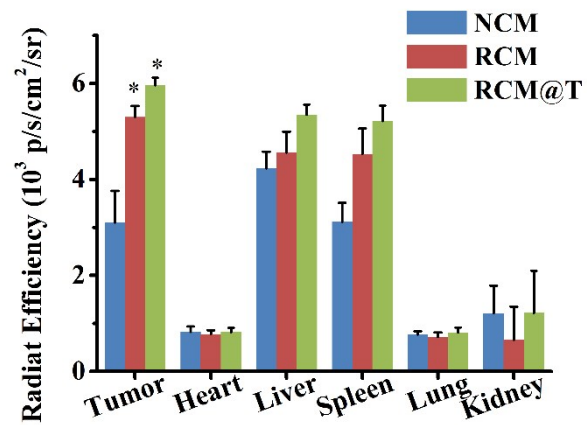


Fig.S10: quantitative analysis of relative organ and tumor accumulation of different formulations.