

Supporting Information

Imaging-guided focused ultrasound-induced thermal and sonodynamic effects of nanosonosensitizers for synergistic enhancement of glioblastoma therapy

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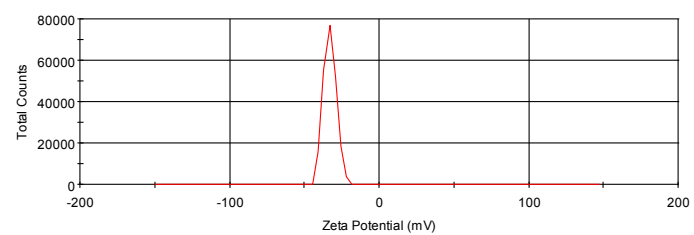


Fig. S1 The zeta potential of HCM NAs.

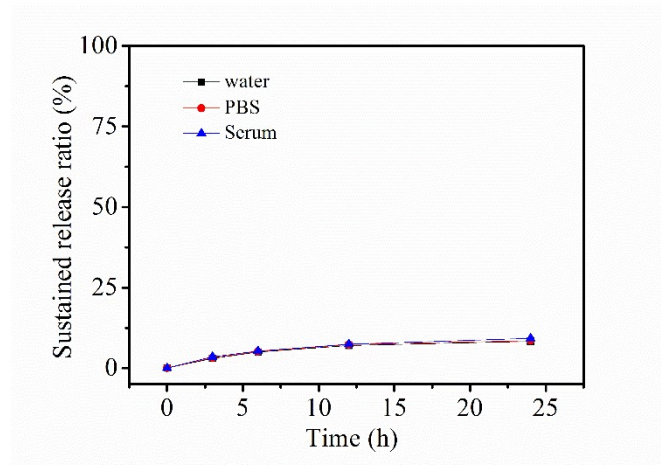


Fig. S2 Sustained release profiles of HCM NAs in different solutions.

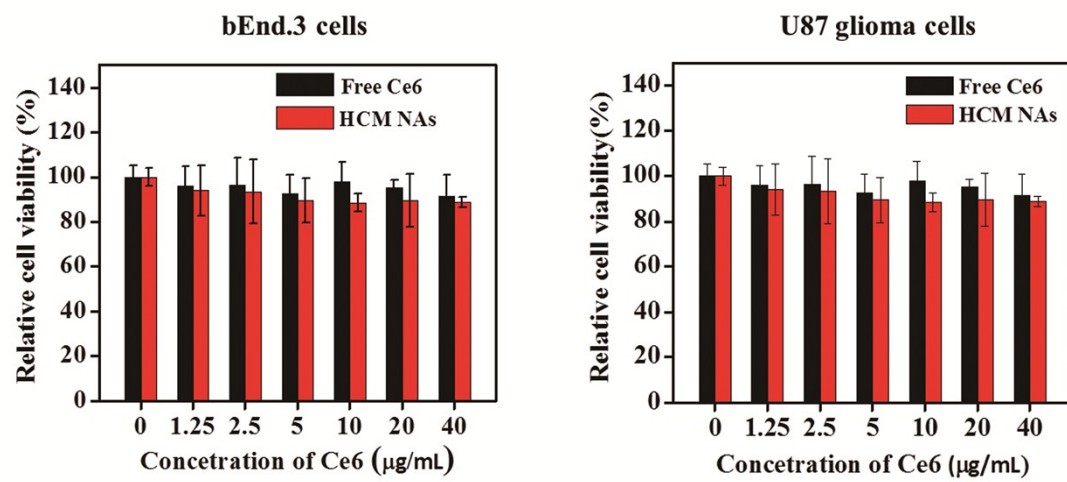


Fig. S 3 Relative viability of bEnd.3 cells and U87 glioma cells incubated with various concentrations of HCM NAs or free Ce6 for 24 h.

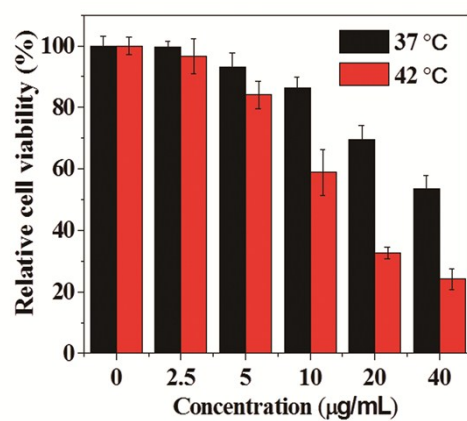


Fig. S 4 Relative viability of U87 glioma cells incubated with various concentrations of HCM NAs or free Ce6 for 24 h after irradiation by focused ultrasound at 37°C and 42 °C, respectively (1 W/cm², 2 min).

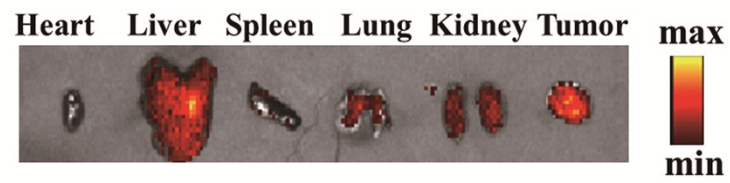


Fig. S 5 *Ex vivo* fluorescence images of major organs and tumor dissected from mice injected HCM NAs at 24 h.

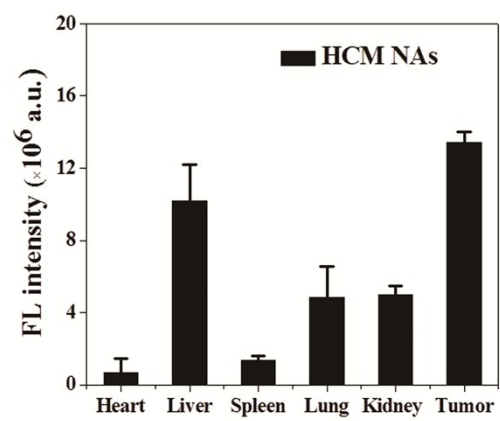


Fig. S 6 Quantitative analysis of fluorescence intensity of major organs and tumors after 24 h postinjection.

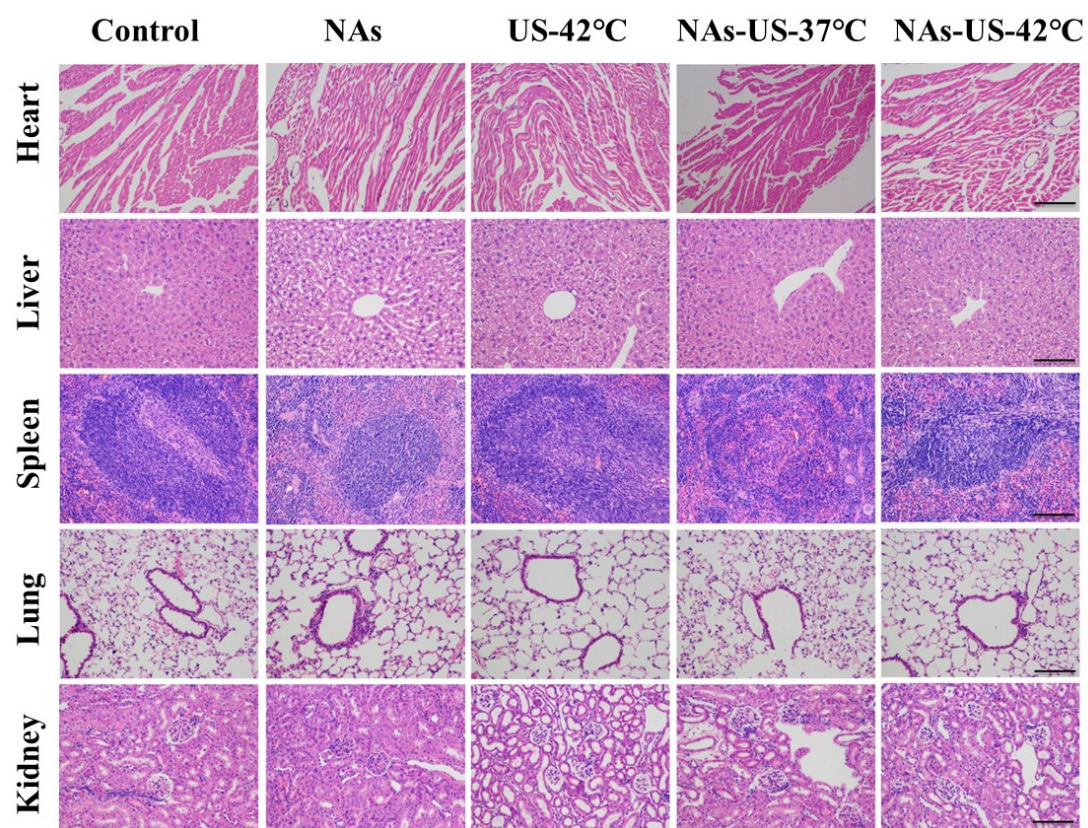


Fig. S 7 H&E staining images of major organs collected from different treated groups.

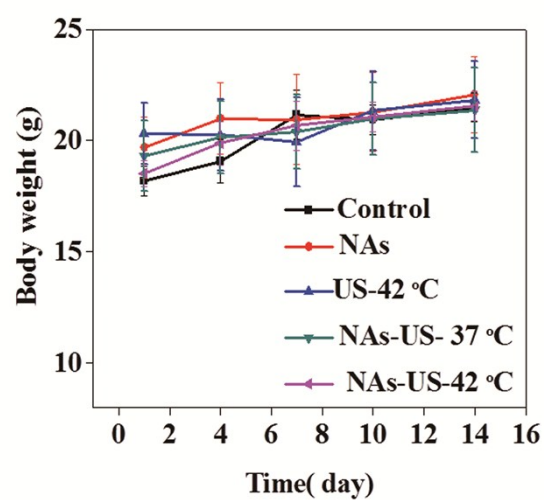


Fig. S 8 Body weight of different treatment group during the 14 day evaluation period.