



Supplementary Figure 1 (a) Relative SOSG fluorescence intensities from liposome samples at different X-ray doses. (b) ¹H NMR spectra of Lipo-VP and TPP-Lipo-VP. (c) Representative confocal laser scanning microscopy images of HCT 116 cells incubated with liposome samples for 1 h, 2 h and 4 h, respectively. Scale bar is 20 μ m. Quantitative analysis of VP fluorescence intensity ($n=4$)