

Supporting Information

Co-loading of coralyne and indocyanine green into the adenine DNA functionalized mesoporous silica nanoparticles for the pH- and near-infrared-responsive chemothermal treatment of cancer cells

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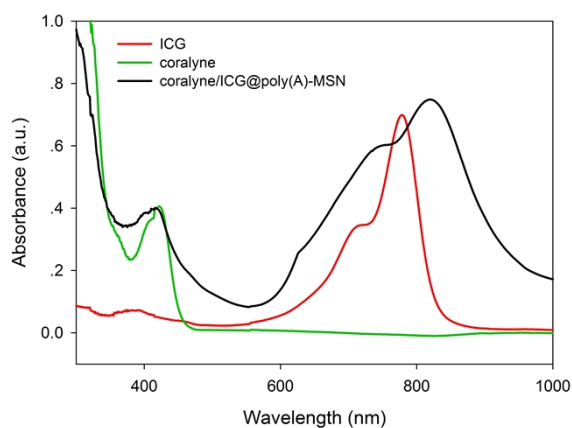


Fig. S1 The absorption spectrum of coralyne, ICG and coralyne/ICG@poly(A)-MSN.

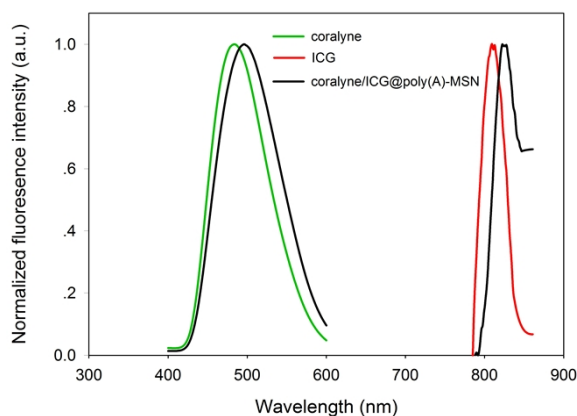


Fig. S2 The fluorescent spectrum of coralyne, ICG and coralyne/ICG@poly(A)-MSN with excitation at 400 nm (coralyne) or 780 nm (ICG), respectively.

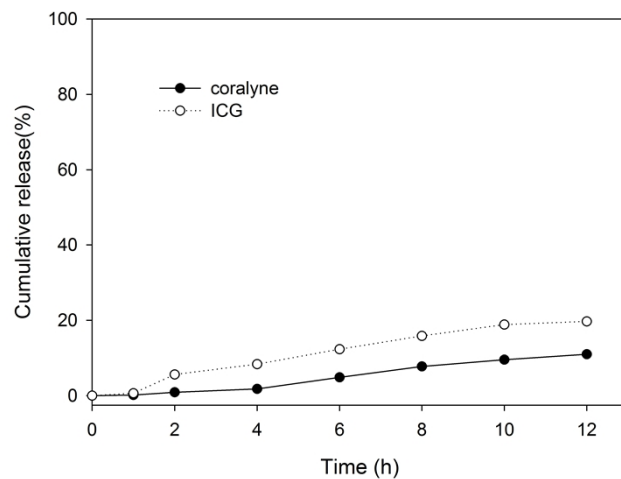


Fig. S3 The cumulative percent release of cargoes from coralyne/ICG@poly(A)-MSN in full calf bovine serum at 37 °C.

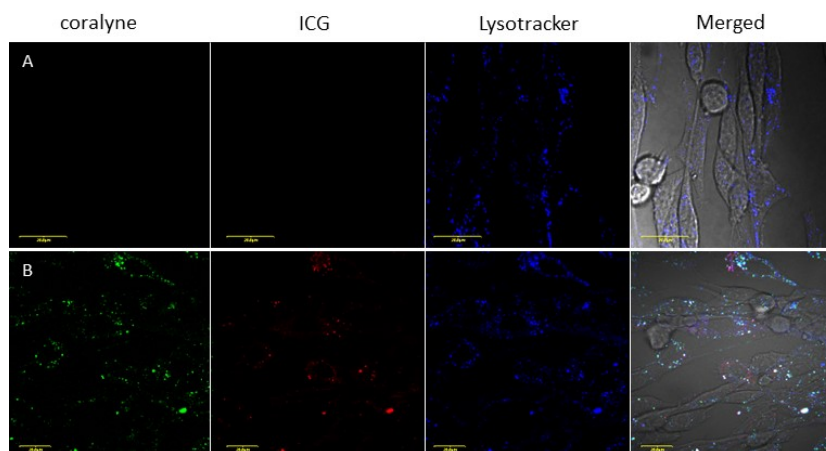


Fig. S4 The confocal microcopy images of the HepG-2 cells after incubation without (A) or with (B) coralyne/ICG@poly(A)-MSN for 4 h at 37 °C, respectively. Lysotracker Green (blue fluorescence) was used to stain the lysosomes. The scale bar was 20 μm .