Electronic Supplementary Information

High efficient polydopamine encapsulated clinical ICG theranostic nanoplatform for enhanced photothermal therapy of cervical cancer

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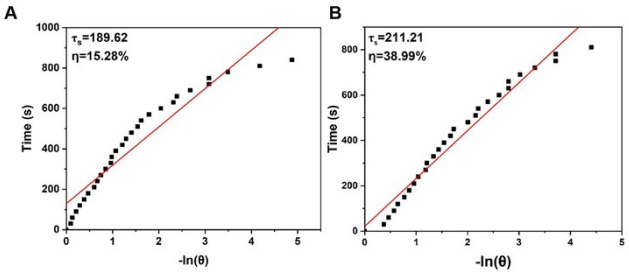

Fig. S1 (A) Linear fitting of time data versus $-ln\ \theta$ and the η of free ICG. (125 μg mL^{-1}, NIR laser was 808 nm, 0.8 W cm^{-2}). (B) Linear fitting of time data versus $-ln\ \theta$ and the η of free PDA. (125 μg mL^{-1}, NIR laser was 808 nm, 0.8 W cm^{-2}).

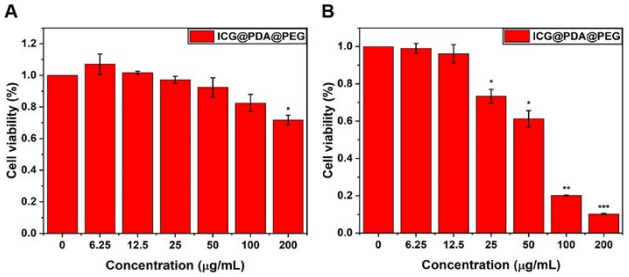

Fig. S2 (A) Cell viability of H8 cells incubated with different concentrations (0, 6.25, 12.5, 25, 50, 100 and 200 μg mL^{-1}) of ICG@PDA@PEG NPs for 24 hours. (B) Cell viability of HeLa cells incubated with different concentrations (0, 6.25, 12.5, 25, 50, 100 and 200 μg mL^{-1}) of ICG@PDA@PEG NPs for 24 hours, and then irradiated with 808 nm laser irradiation (0.8 W cm^{-2}) for 15 minutes. The data are shown as mean ± SD. n = 3 per group, NS, no significance, *p<0.05, **p<0.01, ***p<0.001.

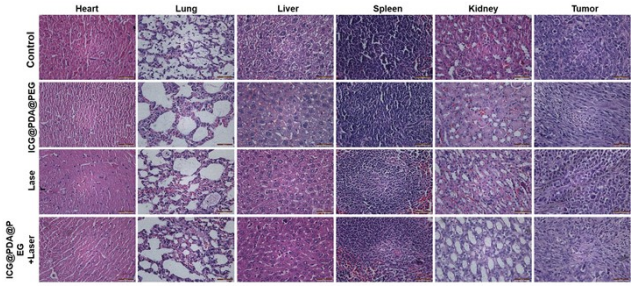

Fig. S3 Representative histological images of major organs and tumor samples of mice from the Control group, ICG@PDA@PEG NPs group, Laser group, ICG@PDA@PEG NPs + Laser group.