

## Supporting Information

### Red-Blood-Cell-Membrane-Enveloped Magnetic Nanoclusters as a Biomimetic Theranostic Nanoplatform for Bimodal Imaging Guided Cancer Photothermal Therapy

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Figure S1. EDX spectrum of as-prepared MNCs.

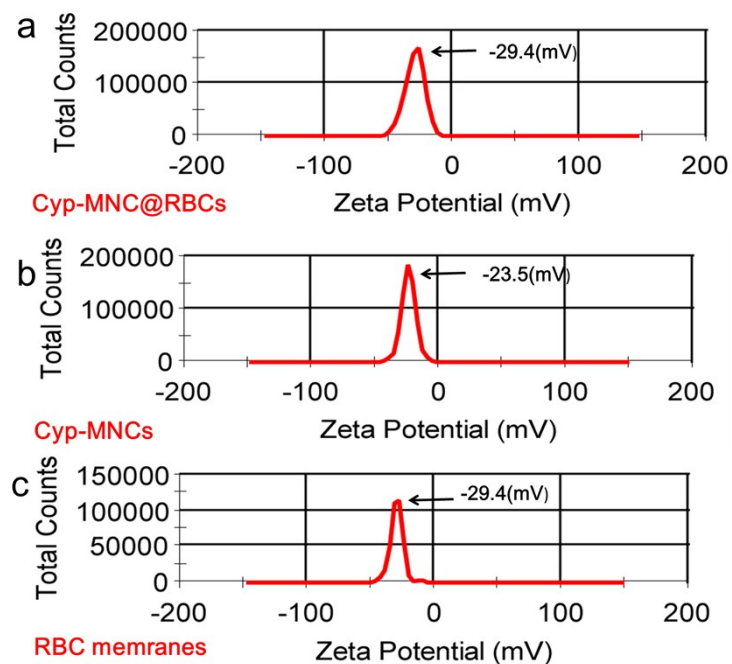
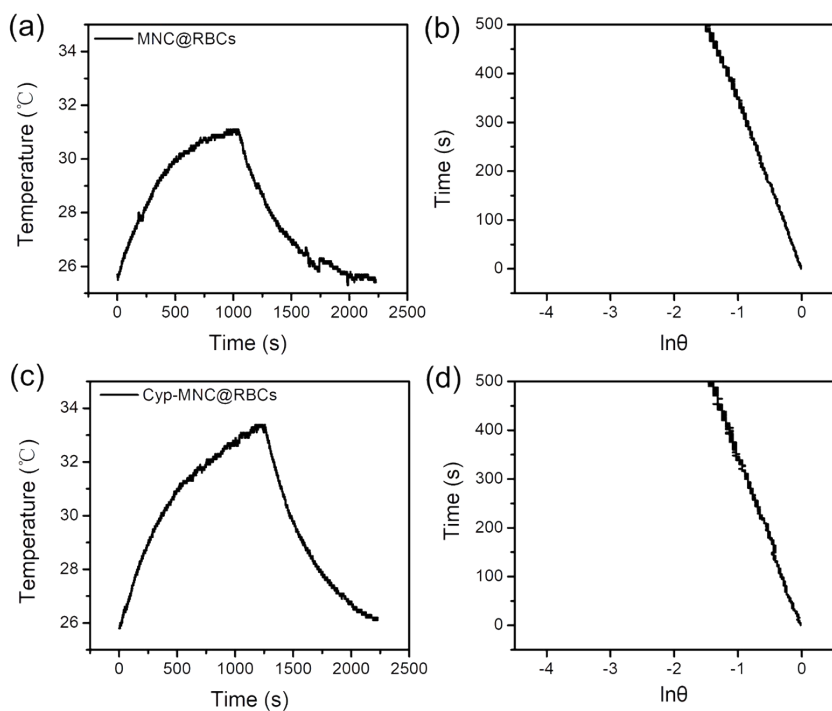
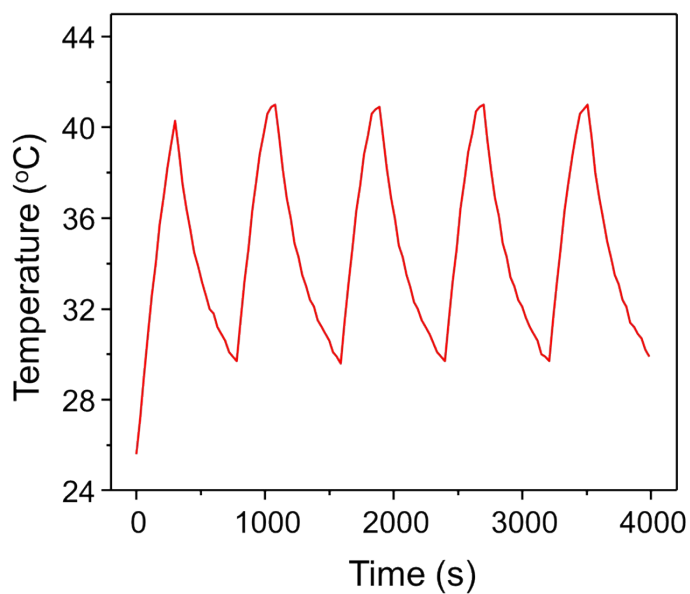


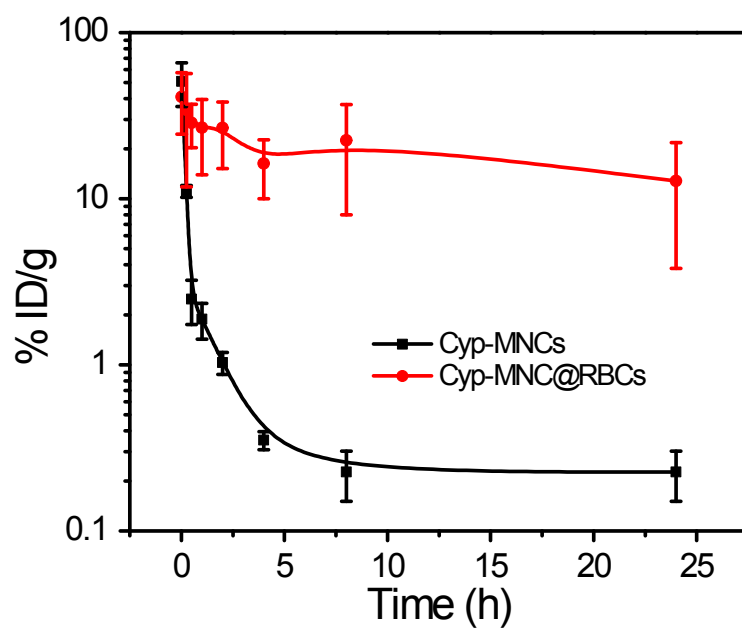
Figure S2. Zeta potentials of Cyp-MNC@RBCs, Cyp-MNCs and RBCs.



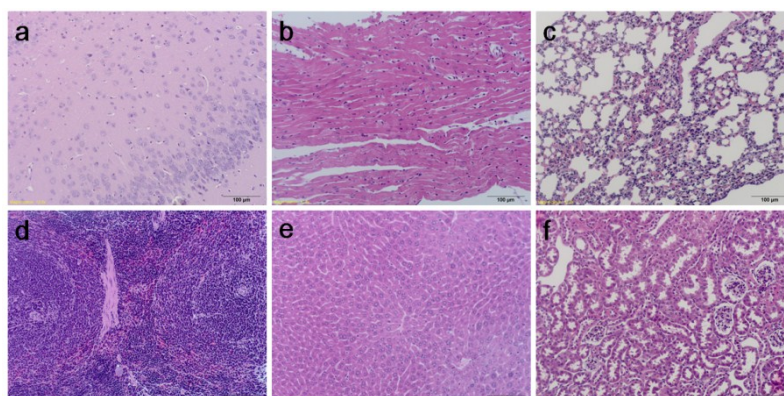
**Figure S3.** Temperature changing curves of MNC@RBCs (a&b), and Cyp-MNC@RBCs (c&d) under the laser exposure and corresponding cooling process.



**Figure S4.** The temperature changing curves of the aqueous solutions of Cyp-MNC@RBCs during 5 cycles of laser-on and laser-off.



**Figure S5.** Blood circulation profiles of Cyp-MNCs and Cyp-MNC@RBCs.



**Figure S6.** H&E staining of slices of (a) brain, (b) heart, (c) lung, (d) spleen, (e) liver and (f) kidney collected from the mice treated with intravenous injection of Cyp-MNC@RBCs plus 808 nm laser irradiation at day 9.