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Supporting information





Figure S2. In vitro cellular uptake of CNP-NO@RBCs by CT26 cells. CLSM images of CT26 cells incubated with DID-labeled CNP-NO@RBCs at 37 degrees centigrade for different times((I) 1 hour, (II) 2 hours, (III)4 hours, (IV) 6 hours). The fluorescence of DID-labeled CNP-NO@RBCs is red and the fluorescence of DAPI is blue.



Figure S3. In vivo fluorescence imaging of mice 48 hours after intravenous injection of CNP-NO@RBCs to assess retention time.



Figure S4. In vivo pharmacokinetic curves during 24 h after intravenously injected with CNP-NO@RBCs or CNP-NO.



Figure S5. In vivo biocompatibility assay of mouse. Blood biochemical assay monitoring subject to PBS group, CNP group, CNP@RBCs group, CNP.NO@RBCs group, CNP@RBCs+Laser group and CNP-NO@RBCs+Laser group intravenous injection (CNP [CNP] = 17.5 mg kg⁻¹, Laser (1064 nm, 1 W cm⁻²)) during half-month biosafety evaluation (n = 3).