

## Supporting information

### Manganese porphyrin/ICG nanoparticles as magnetic resonance/fluorescence dual-mode probes for imaging of sentinel lymph node metastasis

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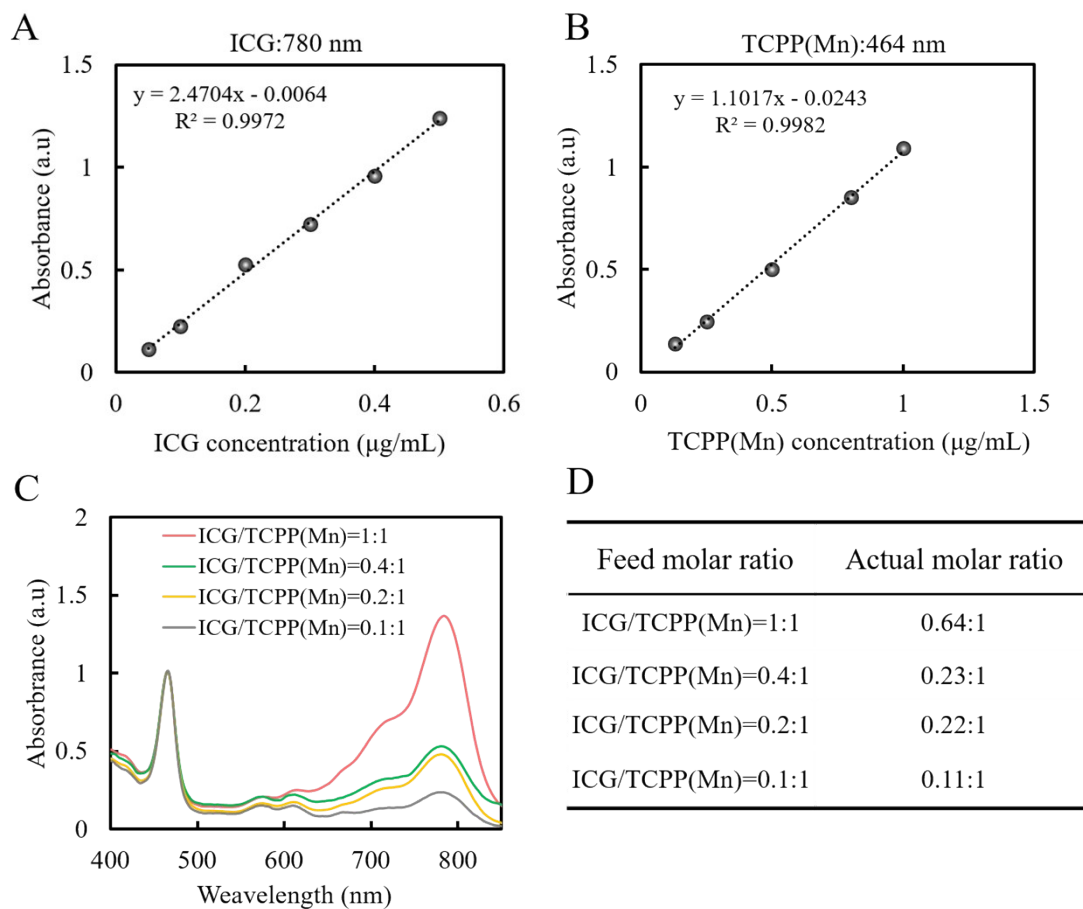


Figure 1. The standard curves of ICG (A) and TCPP(Mn) (B) in DMF solution. (C) The normalized UV-Vis spectrum of F127-ICG/Mn NPs in DMF solution with different molar ratios of ICG/TCPP(Mn) from 0.1:1 to 1:1. (D) Actual molar ratio of ICG/TCPP(Mn) in F127-ICG/Mn NPs.

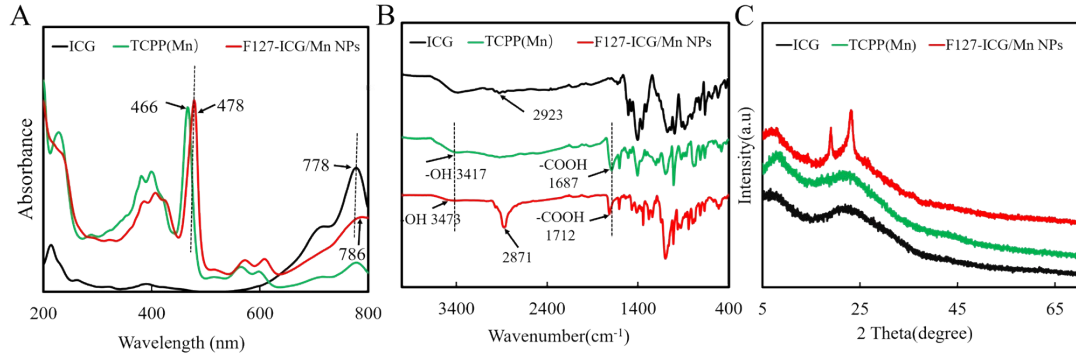


Figure S2. (A) UV-vis spectra, (B) FT-IR spectra and (C) XRD spectra of ICG, TCPP(Mn) and F127-ICG/Mn NPs.

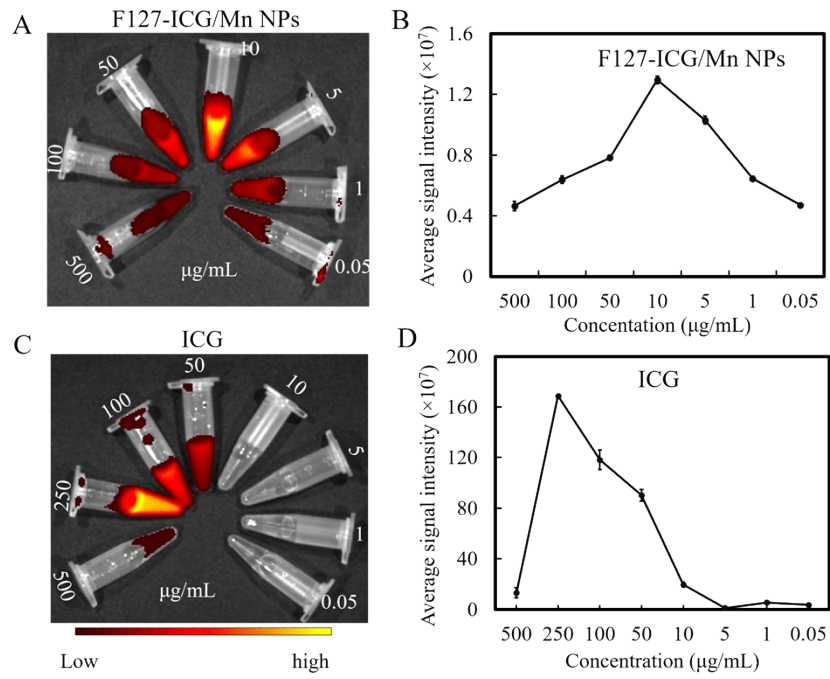


Figure S3. (A)FL imaging pictures (B) and quantitative analysis of F127-ICG/Mn NPs; (C)FL imaging picture (D) and quantitative analysis of ICG.

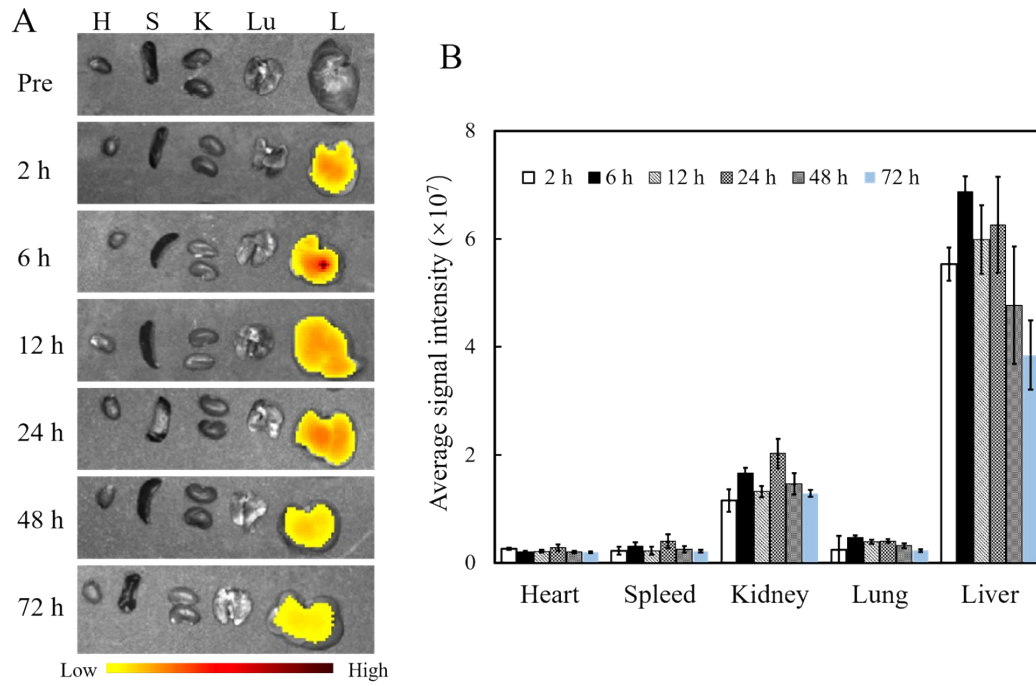


Figure S4. (A) Fluorescence images and (B) quantitative analysis of the isolated major organs of normal BALB/c mice after injection of F127-ICG/Mn NPs at a dose of 250  $\mu\text{g}$  ICG /kg at different time points (2 h, 6 h, 12 h, 24 h, 48 h and 72 h) (n = 3). (H, Heart; S, Spleen; K, Kidney; Lu, lung; L, Liver)

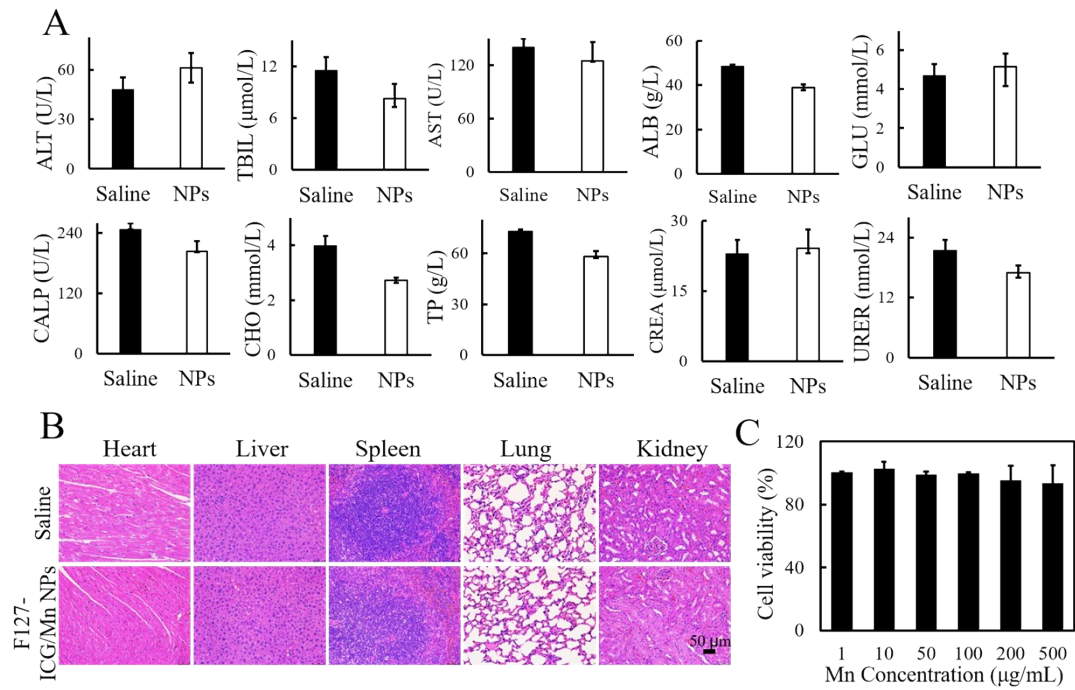


Figure S5. (A) Biochemical indicators and (B) H&E staining of main issues from mice 24 h after administration. (C) Ccell viabilities of Raw264.7 incubated with different concentrations of F127-ICG/Mn NPs for 24 h.