Appendix A. Electronic Supplementary Information

Biodistribution and toxicological evaluation of micron- and nano-sized erythrocyte-derived optical particles in healthy Swiss Webster mice

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Assessment of ICG leakage from \(\mu\text{NETs}\) and \(n\text{NETs}\) under physiological temperature

Absorption spectra of \(\mu\text{NETs}\) and \(n\text{NETs}\) and their supernatants after centrifugation at physiological temperature in dark over a period of 48 hours are shown in Figs. S1(A) and (B), respectively. Using equation 2 (see manuscript text), the percentage leakage of ICG from \(\mu\text{NETs}\) and \(n\text{NETs}\) were calculated as \(\approx 9.1\%\) and \(5.6\%\), respectively, at 48 hours post fabrication (Fig. S1(C)).
Fig. S1. Time-dependent absorption spectra of (A) μNETs, and (B) nNETs and the corresponding supernatant solutions at 37 °C. (C) % ICG leakage ($\nu$) from μNETs and nNETs as a function of time.