

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 μ NETs and nNETs under physiological temperature

Absorption spectra of μ NETs and nNETs 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 μ NETs and nNETs were calculated as $\approx 9.1\%$ and 5.6% , respectively, at 48 hours post fabrication (Fig. S1(C)).

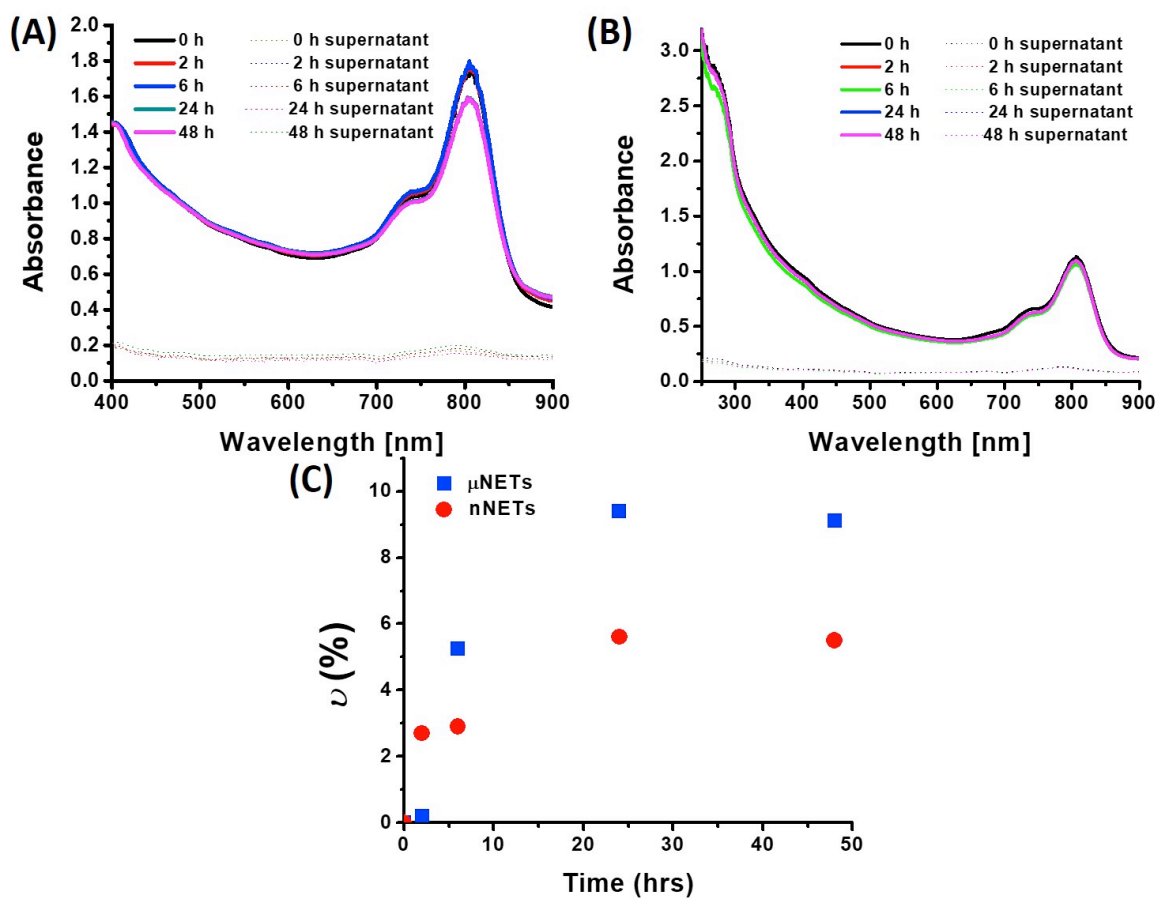


Fig. S1. Time-dependent absorption spectra of (A) μ NETs, and (B) nNETs and the corresponding supernatant solutions at 37 °C. (C) % ICG leakage (ν) from μ NETs and nNETs as a function of time.