

Supporting Information

Naphthalocyanine-Based Biodegradable Polymeric Nanoparticles for Image-Guided Combinatorial Phototherapy

Olena Taratula,[§] Bhuvana S. Doddapaneni,[§] Canan Schumann,[§] Xiaoning Li,[§] Shay Bracha,[#]

Milan Milovancev,[#] Adam W. G. Alani,^{§,*} Oleh Taratula^{§,*}

[§]*Department of Pharmaceutical Sciences, College of Pharmacy, Oregon State University, Portland, Oregon 97201, United States*

[#]*Department of Clinical Sciences, College of Veterinary Medicine, Oregon State University, Corvallis, OR 97331, United States*

* Address correspondence to Oleh.Taratula@oregonstate.edu, Adam.Alani@oregonstate.edu

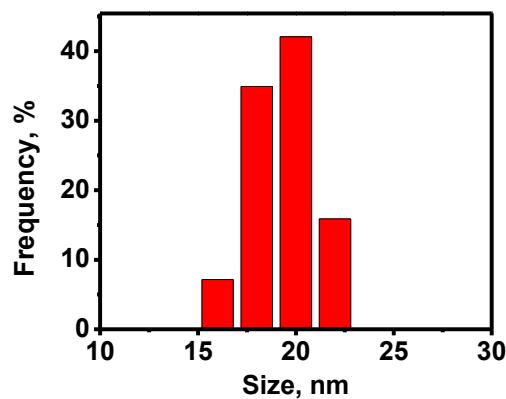


Figure S1. Cryo-TEM-based size distribution histograms of SiNc-PNP.

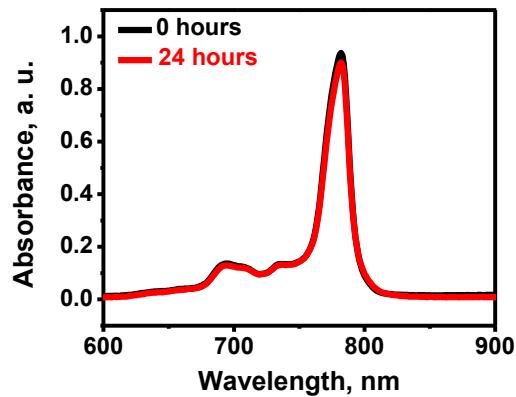


Figure S2. Absorption spectra of SiNc-PNP in PBS before and storing for 24 h at room temperature.

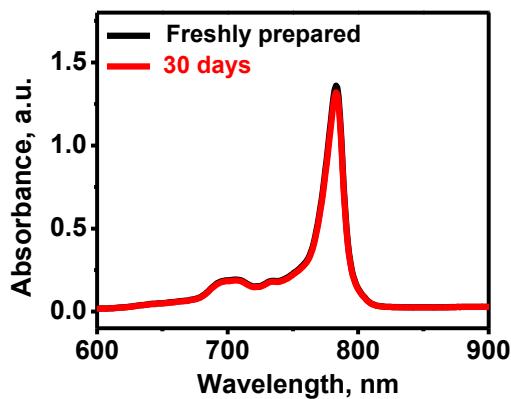


Figure S3. Absorption spectra of SiNc-PNP in water before and storing for 30 days at room temperature.

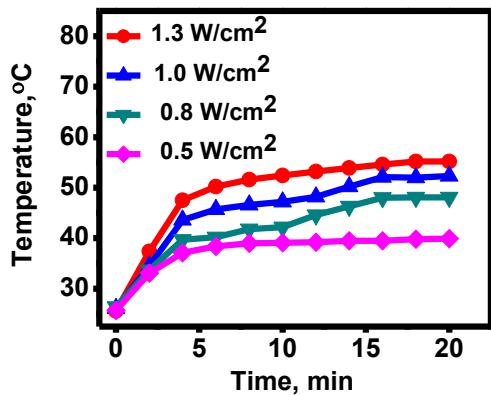


Figure S4. Temperature profiles of SiNc-PNP (0.3 mg/mL) aqueous solution exposed to the 785 nm NIR laser diode with various power densities: 1.3, 1.0, 0.8, 0.5 W/cm².