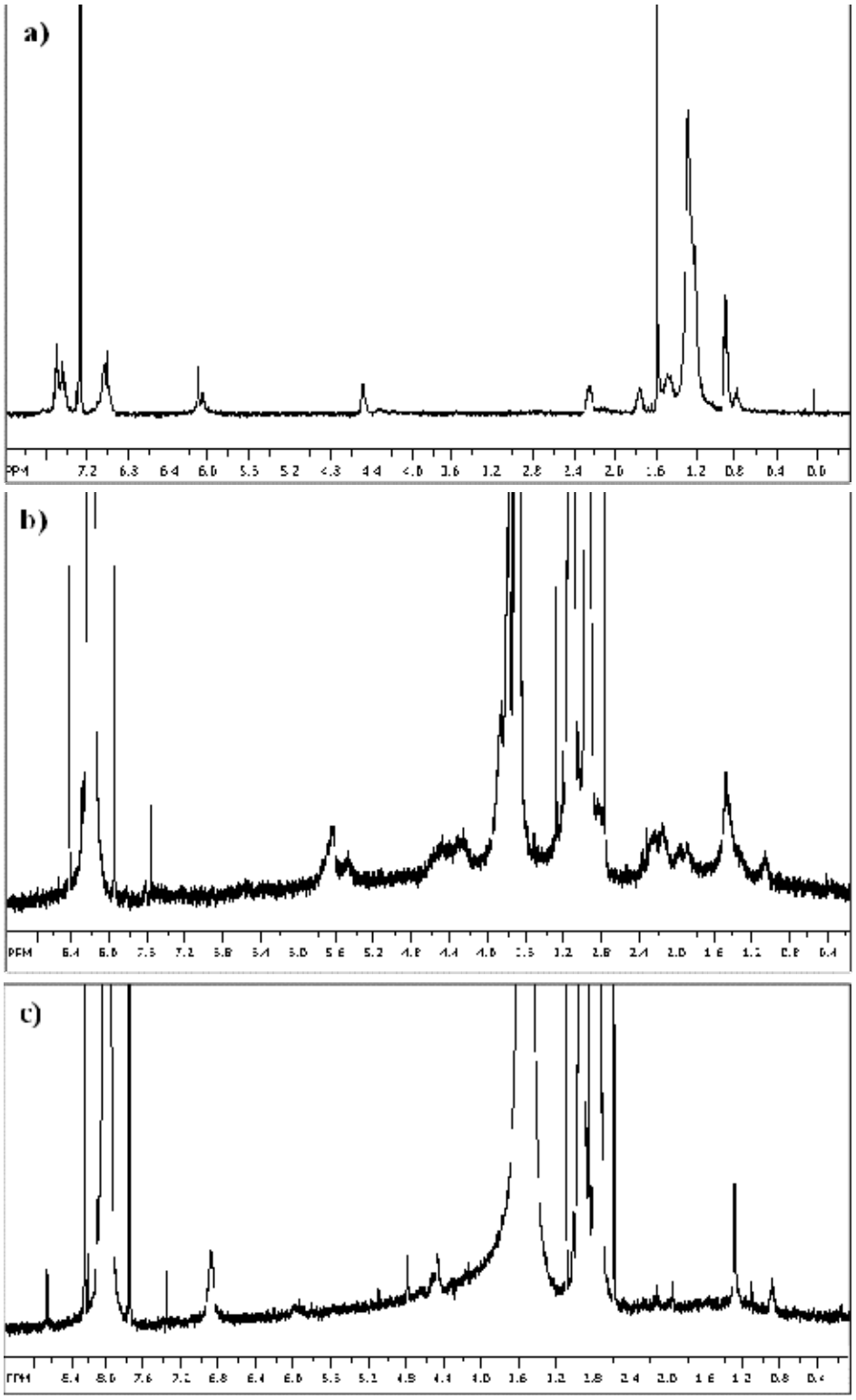

Figure S1. ^{1}H NMR of: a) NB-(PPE-PMI)-NB, (400 MHz, $CDCl_3$); b) OEG-NHS-(PPE-$PMI_{0.005}$)-NHS-OEG, (400 MHz, DMF-d_7); c) OEG-50%FA-(PPE-$PMI_{0.005}$)-50%FA-OEG, (400 MHz, DMF-d_7).

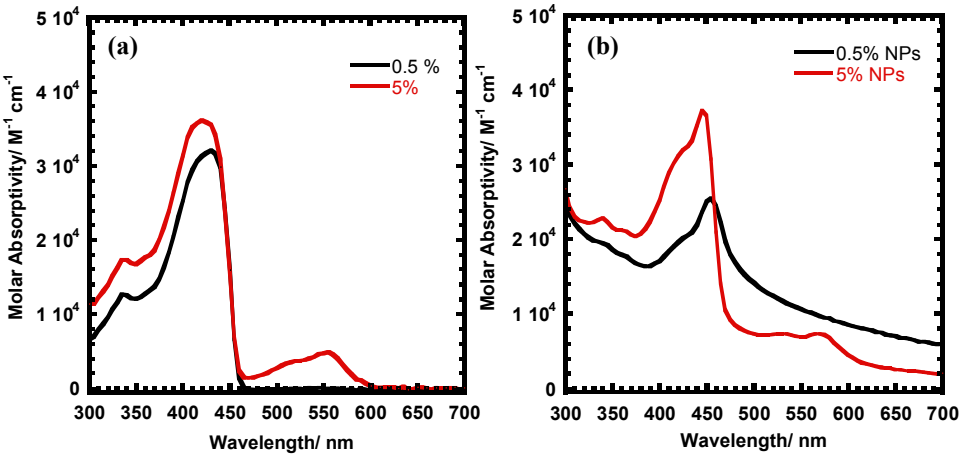

Figure S2. (a) Molar absorptivity of NB-(PPE-PMI$_{0.005}$)-NB and NB-(PPE-PMI$_{0.05}$)-NB in THF solution; and (b) dispersion of the NPs in water solution.

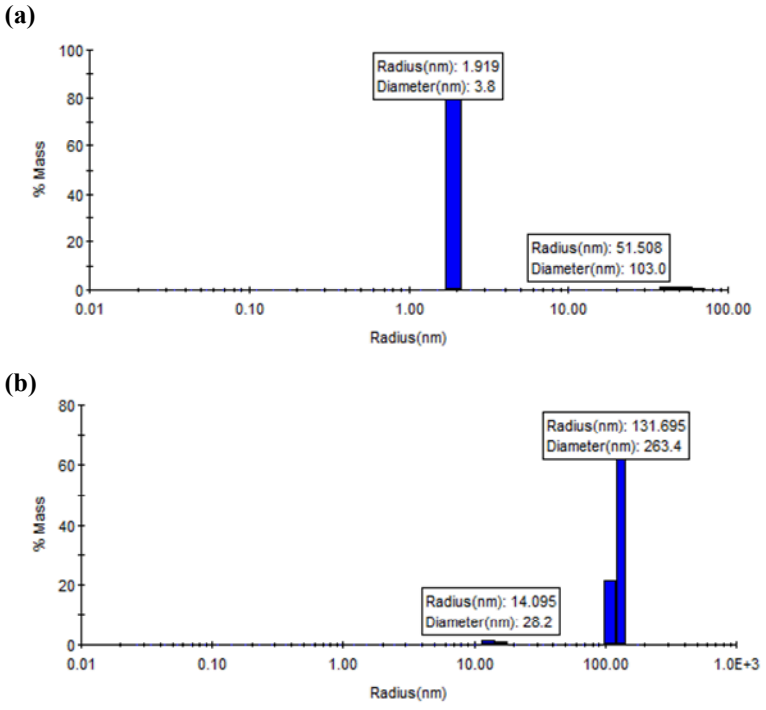

Figure S3. Dynamic light scattering measurements: (a) NB-(PPE-PMI$_{0.005}$)-NB, and (b) NB-(PPE-PMI$_{0.05}$)-NB NPs.

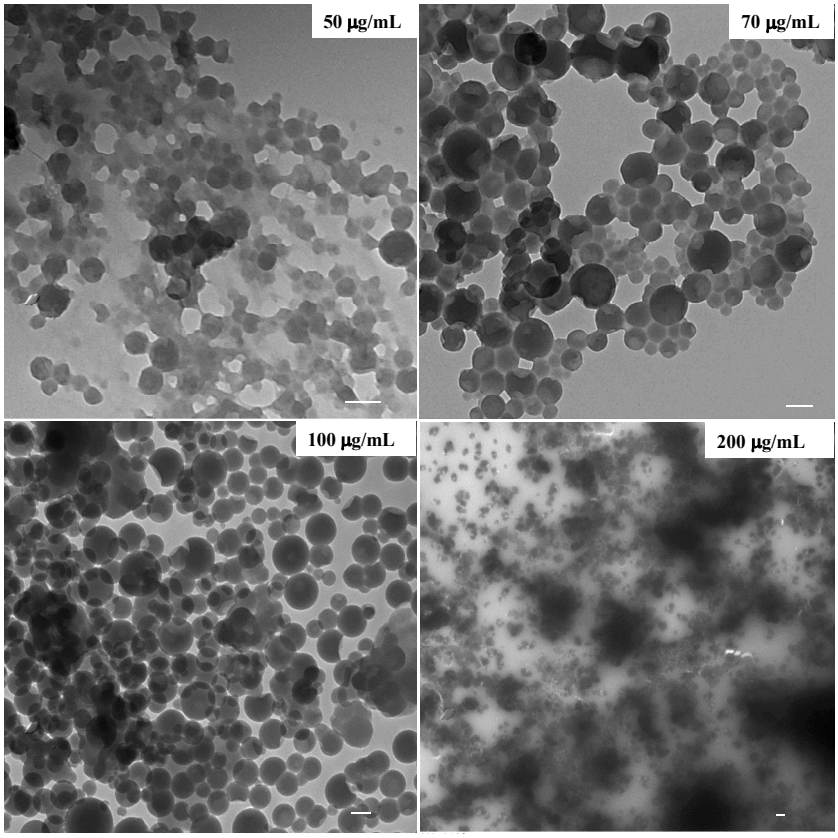

Figure S4. Tuning the size of the NPs by varying NB-(PPE-$PMI_{0.05}$)-NB concentration in THF solution from 50 to 200 μg/mL. Scale bar: 100 nm.

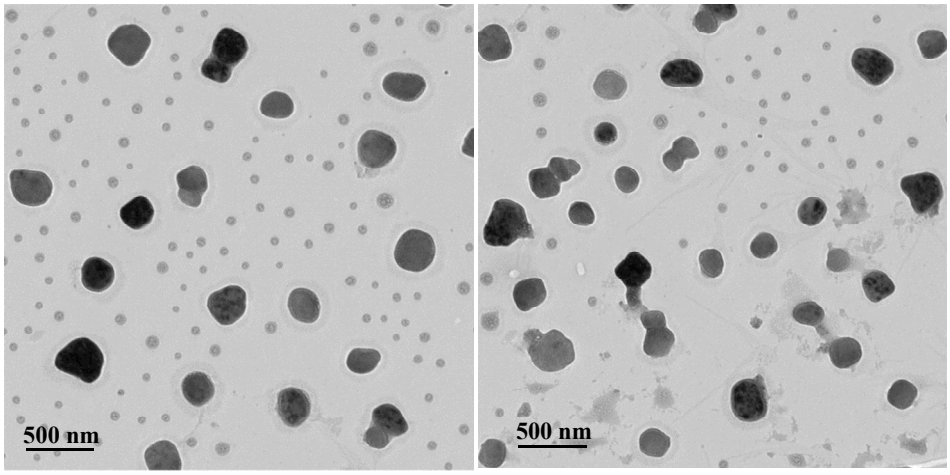

Figure S5. TEM images of the OEG-NHS-(PPE-$PMI_{0.005}$)- NHS-OEG.

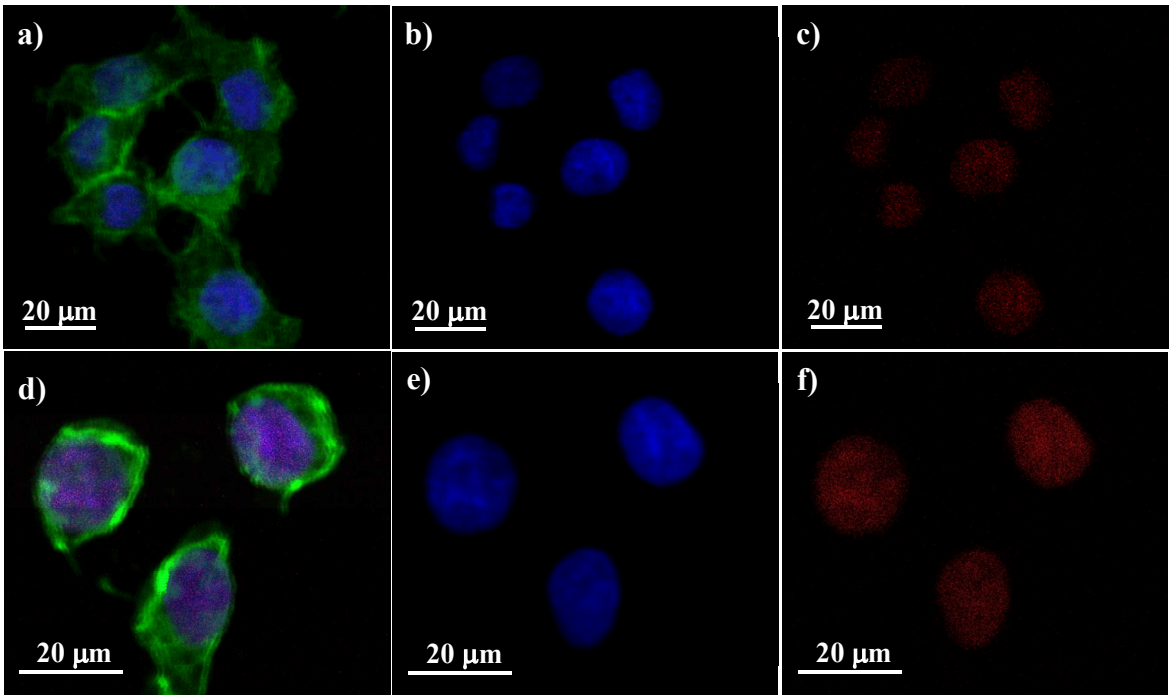

Figure S6. Confocal microscopy images of KB cells (a, d) stained with Alexa 488 Phalloidin actin; (b, e) treated with Hoescht nuclei stain; (c) treated with OEG-NHS-(PPE-$PMI_{0.05}$)-NHS-OEG; and (f) treated with OEG-FA-(PPE-$PMI_{0.05}$)-FA-OEG.

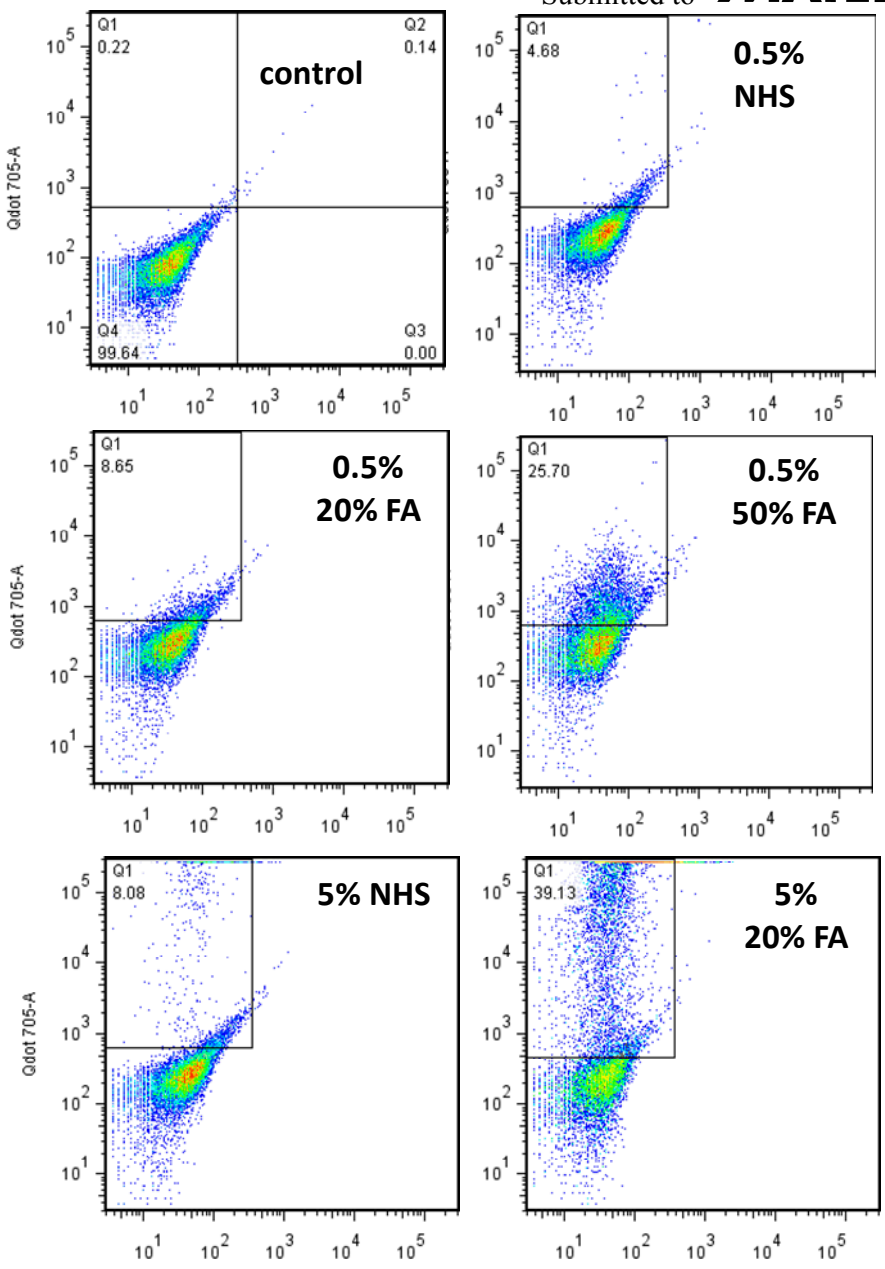

Figure S7. Flow cytometry analysis of KB cells after incubation with conjugated polymer NPs for 8 h. Plots of QD705 vs. FITC showing enhanced cell-associated uptake.

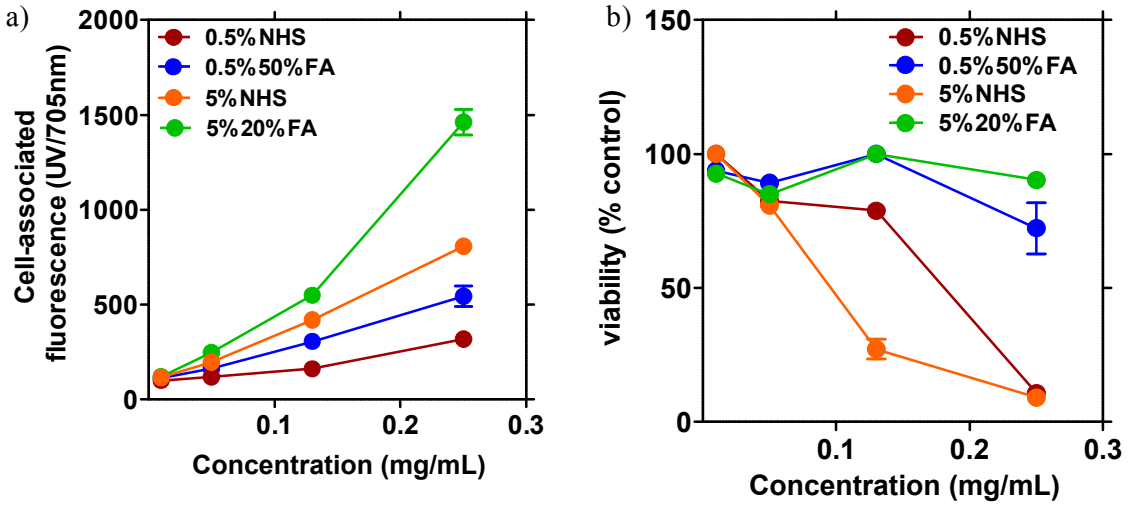

Figure S8. a) Measured mean cell-associated fluorescence of KB cells as function of concentration. b) KB cell viability with different NPs formulation for 48 h. (0.5% NHS = OEG-NHS-(PPE-PMI$_{0.005}$)-NHS-OEG; 0.5% 50%FA = OEG-50%FA-(PPE-PMI$_{0.005}$)-50%FA-OEG; 5% NHS = OEG-NHS-(PPE-PMI$_{0.05}$)-NHS-OEG; 5% 20%FA = OEG-20%FA-(PPE-PMI$_{0.05}$)-20%FA-OEG; control = untreated KB cells).

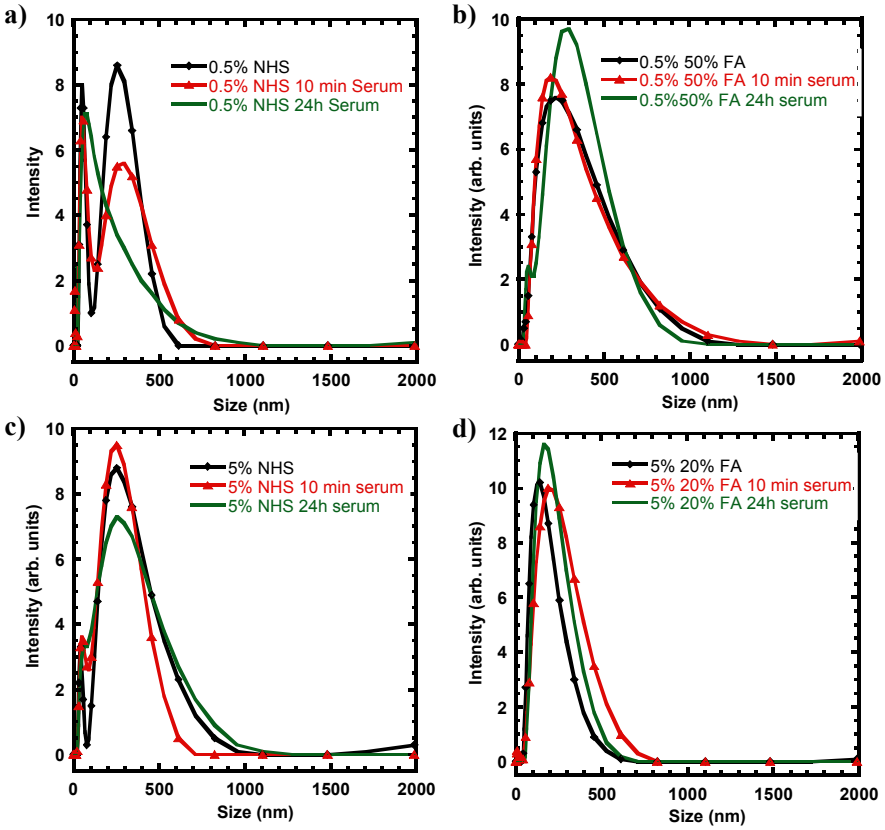

Figure S9. Hydrodynamic diameters measured with dynamic light scattering of the nanoparticles before and after incubation with serum for up to 24 hours.

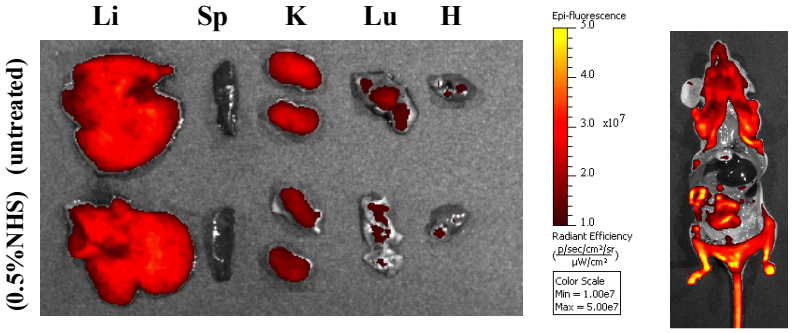

Figure S10. Fluorescence 3D optical imaging of harvested organs at 24 h after injection with OEG-NHS-(PPE-PMI$_{0.005}$)-NHS-OEG NPs showing little accumulation in vital organs (Li= liver, Sp = spleen, K = kidney, Lu = lungs, H = heart).