Fabrication of Silica Nanoparticles based Polymer Nanocomposites via a Combination of Mussel Inspired Chemistry and SET-LRP

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## Results



**Fig. S1** Dispersion of SiO<sub>2</sub> samples (Bottles from left to right are the samples of SiO<sub>2</sub> NPs, SiO<sub>2</sub>-PDA, SiO<sub>2</sub>-PDA-poly(NIPAM)) in deionized water for different time. (A) 5 min (B) 10 min, (C) 2 h and (D) 24 h.