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Producing Protein-Nanoparticle Co-assembly Supraparticles by the Interfacial Instability Process

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Supplementary Information



Supplementary Figure S1. Confocal fluorescent microscopy images of individual QDs (left) and individual PNCAS with QDs-encapsulated (right) immobilized on glass coverslip.



Supplementary Figure S2. Transmission electron microscopy (TEM) image of nanoparticlepolymer assemblies formed by the interfacial instability process. The amphiphilic block copolymer used was poly (styrene-co-ethylene glycol) (PS-PEG), with the molecular weight of the PS segment being 9.5 kD and that of the PEG segment being 18 kD. The nanoparticles used were quantum dots (QDs). It can be seen from the TEM image that most assemblies contained only polymers (the circles in the image), while only a small number of assemblies had QDs (dark spots in the image) encapsulated.