

Supporting Information for the manuscript

N-Butanol Induced Structural Transformation of Block Copolymers

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SUPPORTING FIGURES:

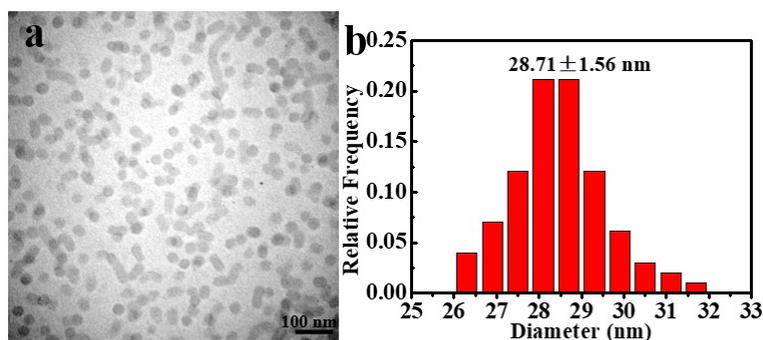


Figure S1. (a) TEM image of the core-shell spheres obtained by disassembling PS_{9.8k}-*b*-P4VP_{10k} spherical particles in ethanol. (b) The diameter distribution histogram of the core-shell spheres is obtained from the statistics of 100 particles by TEM analysis software.

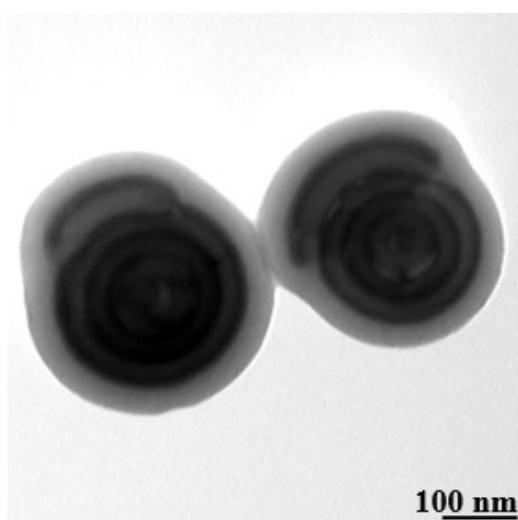


Figure S2. TEM images of PS_{48.4k}-*b*-P4VP_{21.3k} particles at $\phi_{n\text{-butanol}} = 33\%$.

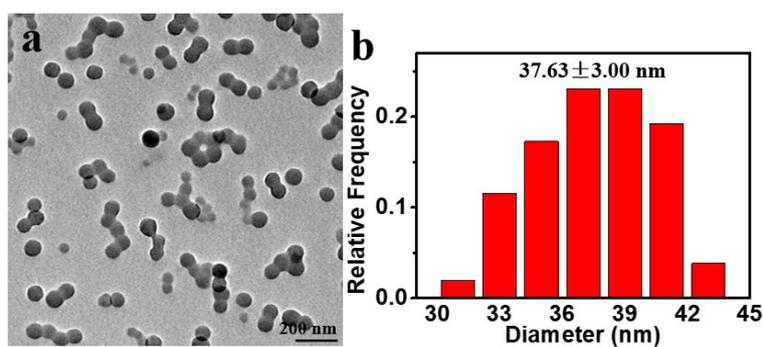


Figure S3. (a) TEM image of the core-shell spheres obtained by disassembling PS_{48.4k}-

b-P4VP_{21.3k} spherical particles in ethanol. (b) The diameter distribution histogram of the core-shell spheres is obtained from the statistics of 100 particles by TEM analysis software.

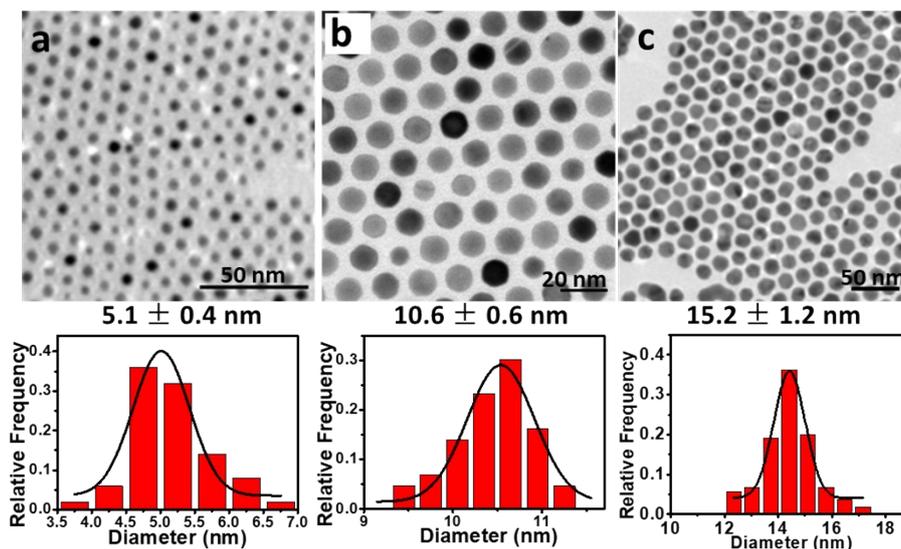


Figure S4. TEM images and the corresponding diameter distribution histograms of the synthesized AuNPs with diameters of 5.1 nm (a), 10.6 nm (b), 15.2 nm (c), respectively.

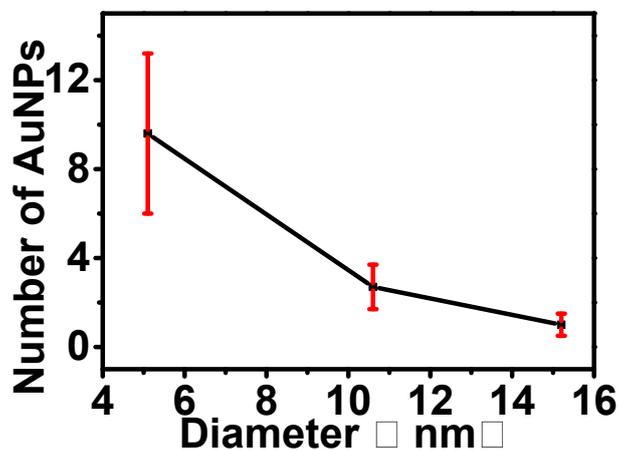


Figure S5. Plot displays dependence of the number of AuNPs in the core-shell-corona structure of PS_{48.4k}-*b*-P4VP_{21.3k}.

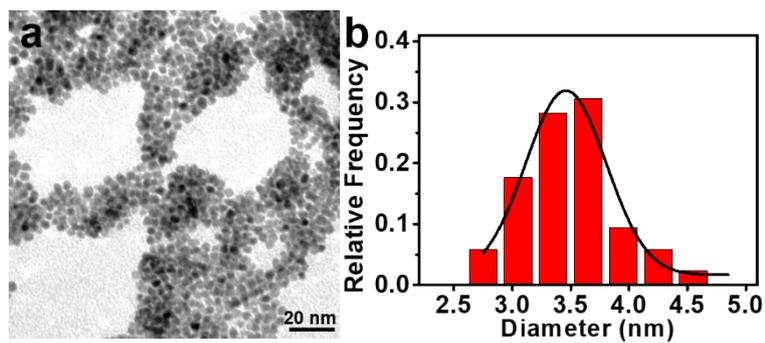


Figure S6. (a) TEM image of the synthesized PtNPs. (b) The diameter distribution histogram of the PtNPs is obtained from the statistics of 100 particles by TEM analysis software.