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Controllable assembly of two Types of metal nanoparticles onto block copolymer nanospheres with ordered spatial distribution

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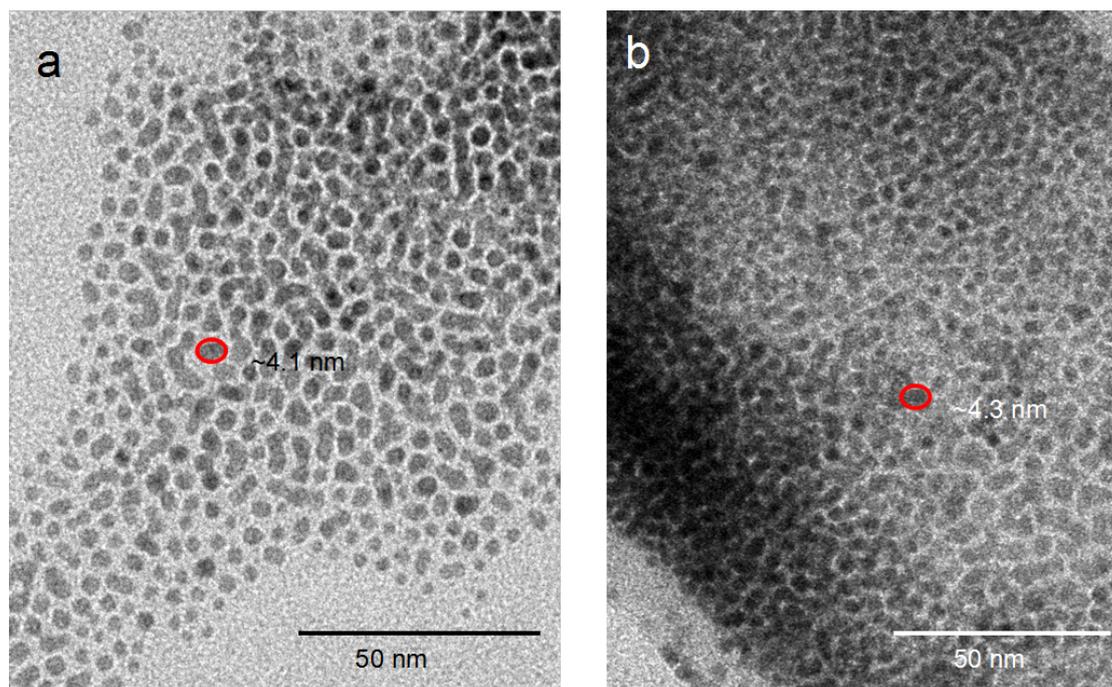


Figure S1. DT-Au Au nanoparticles a) before and b) after the annealing at 140 °C for 2 hrs.

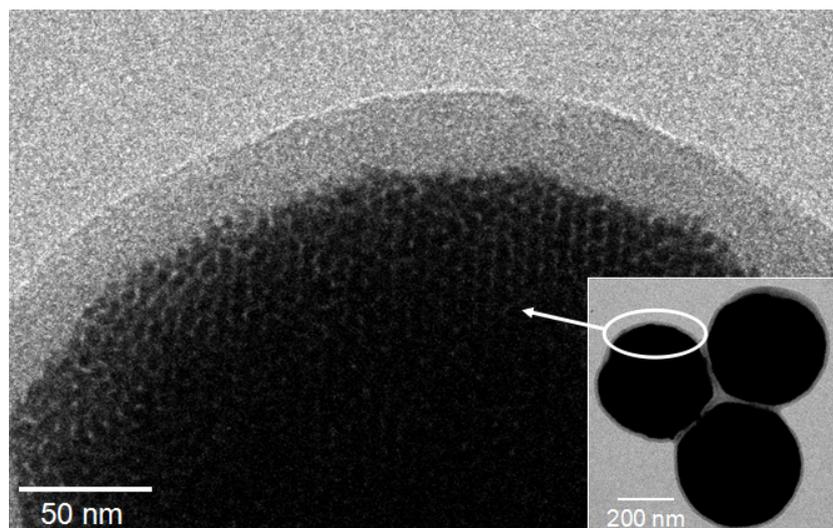


Figure S2. The single Au particle can be seen clearly in the final DT-Au@PS-P2VP core-shell spheres.

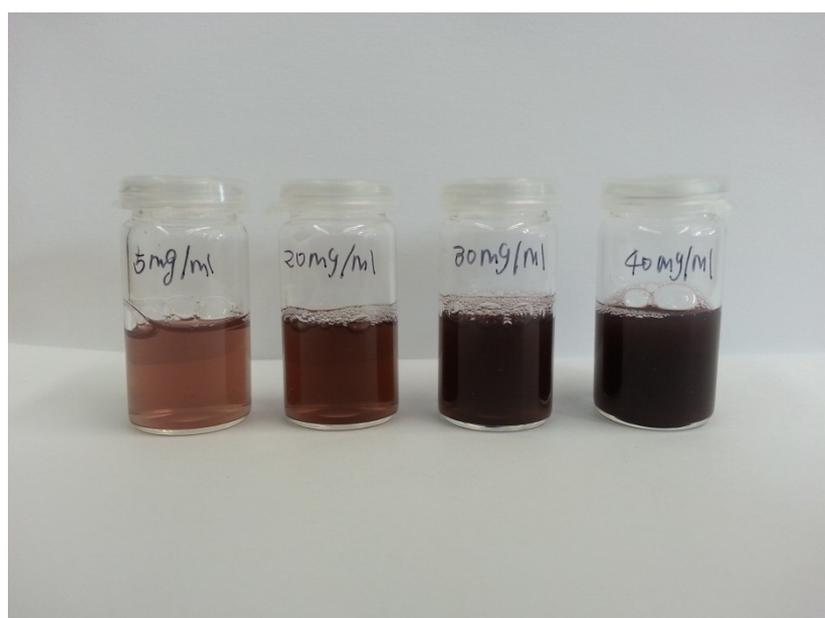


Figure S3. The color change of DT-Au@PS-P2VP nanospheres with different amount of DT-Au NPs loaded in the core.

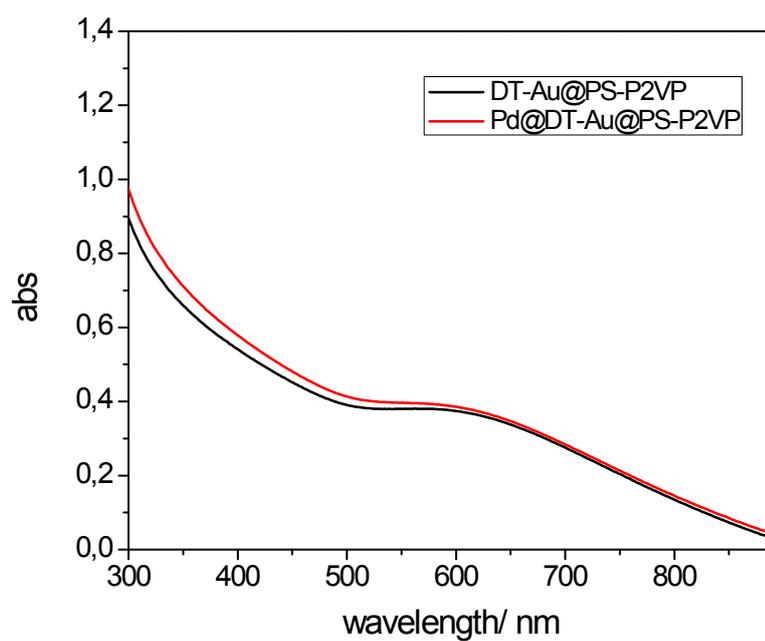


Figure S4. UV-Vis spectra of Pd@ DT-Au@PS-P2VP and DT-Au@PS-P2VP nanospheres.

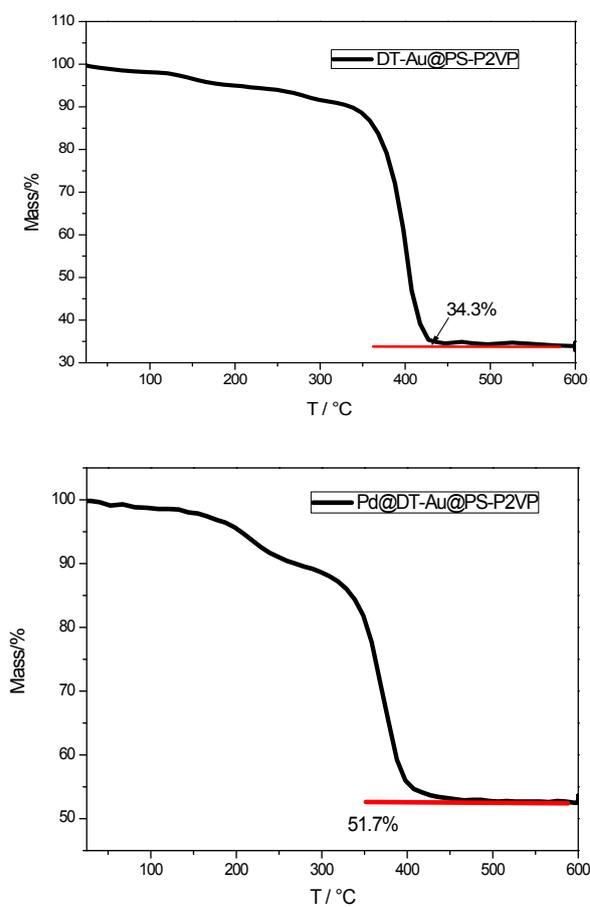


Figure S5. TGA results of DT-Au@PS-P2VP, and Pd@DT-Au@PS-P2VP composite particles (with 17.4 wt.-% Pd).