

Supporting Information

One-Pot synthesis of Highly Crosslinked Fluorescent Polyphosphozene nanoparticles for Cell Imaging

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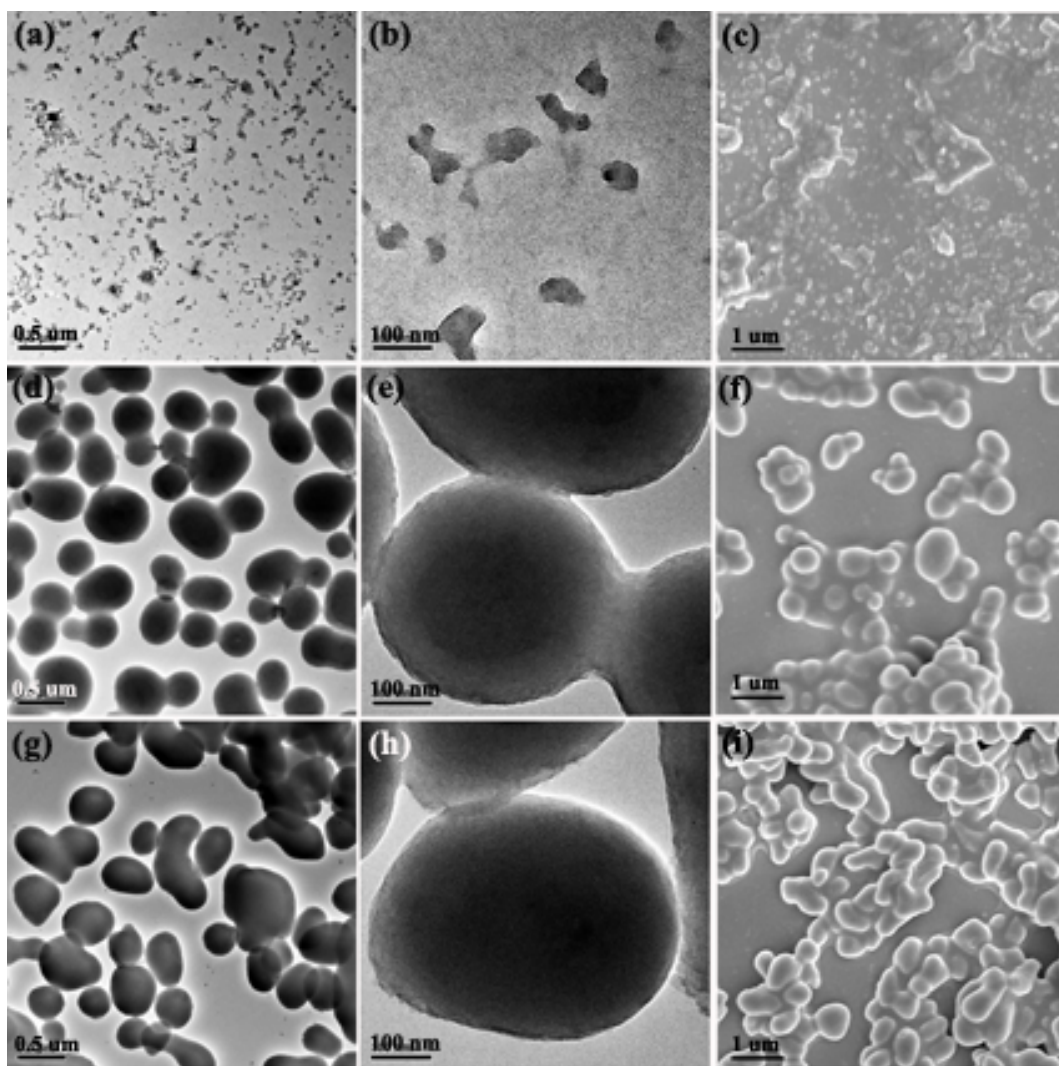


Figure S1. (a, b, d, e, g, h) TEM and (c, f, i) SEM images of PCTPDBF synthesized in acetone with different monomer concentration. (a-c) 7.5 mg HCCP, 16 mg DBF; (d-f) 15 mg HCCP, 32 mg DBF; and (g-i) 30 mg HCCP, 64 mg DBF.

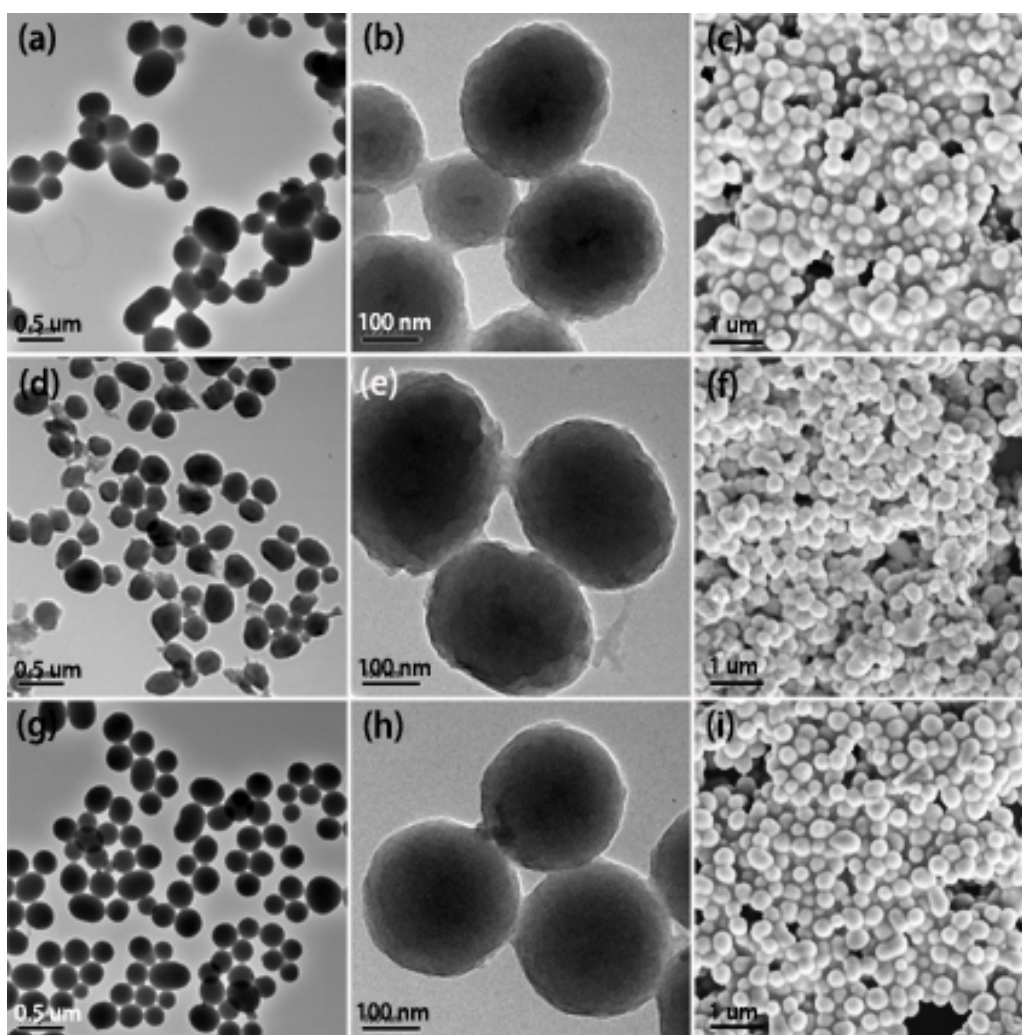


Figure S2. (a, b, d, e, g, h) TEM and (c, f, i) SEM images of PCTPDBF synthesized with 7.5 mg HCCP and 16mg DBF in mixed solvent at various acetone/acetonitrile volume ratio: (a-c) 8:2; (d-f) 5:5; (g-i) 2:8.

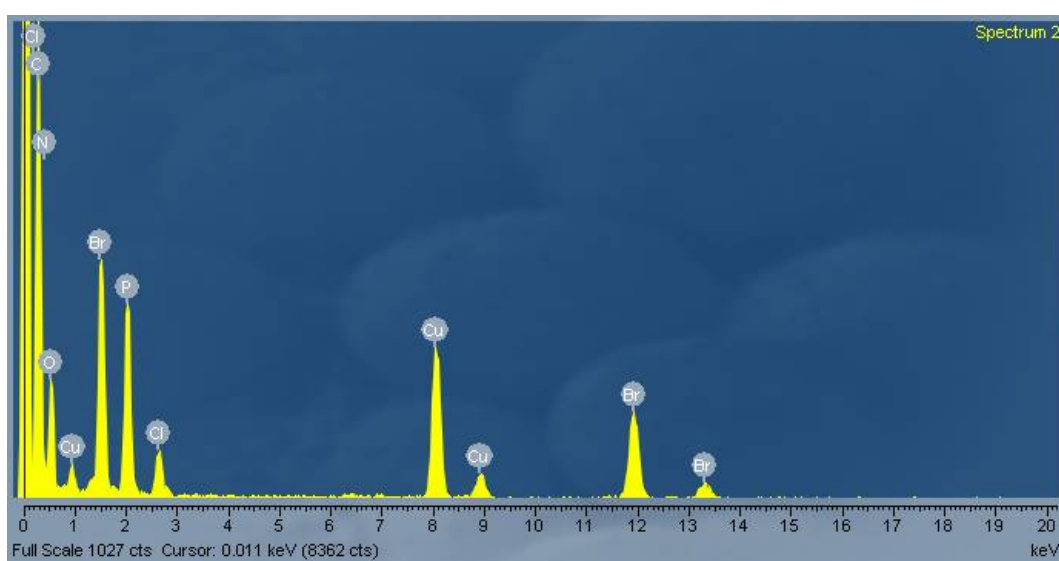


Figure S3. EDS spectrum of PCTPDBF nanoparticles.

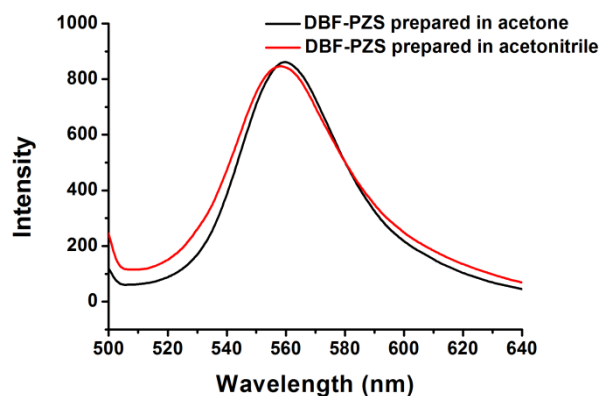


Figure S4. Fluorescence spectra of PCTPDBF nanoparticle ethanol solution prepared in acetone and acetonitrile.

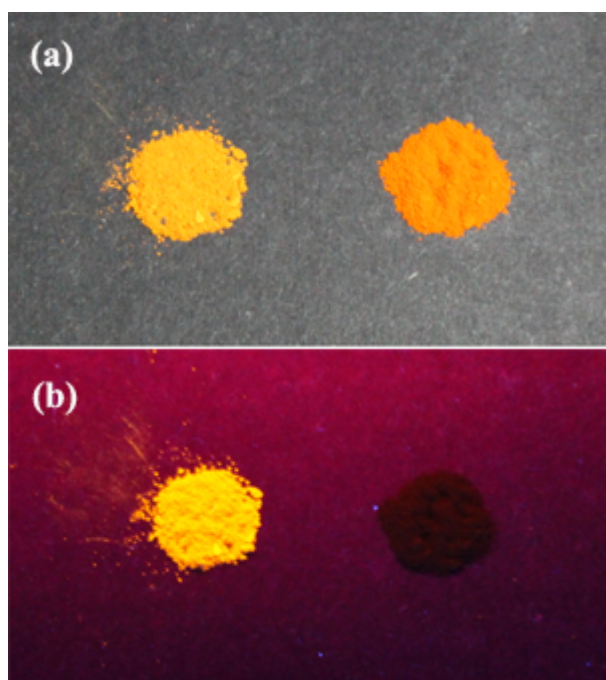


Figure S5. The photographs of PCTPDBF (left) and BDF (right) powder under (a) nature light and (b) 365nm UV-light.