

Supporting Information

Strongly Fluorescent Hydrogels with Quantum Dots Imbedded in Cellulose Matrix

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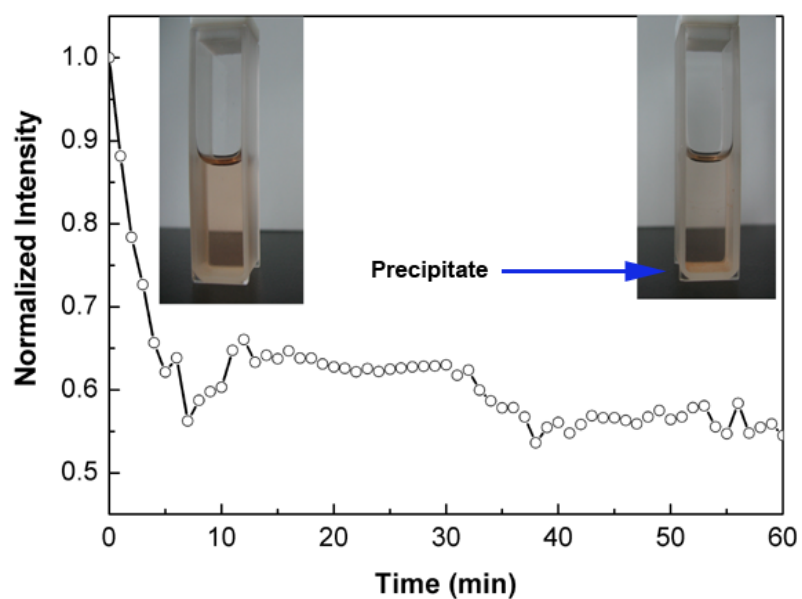


Figure S1. PL intensity of QDs as a function of the heating time in NaOH/urea aqueous solution at 60 °C. The photographs of the QDs solution are also present at 0 min and 60 min.

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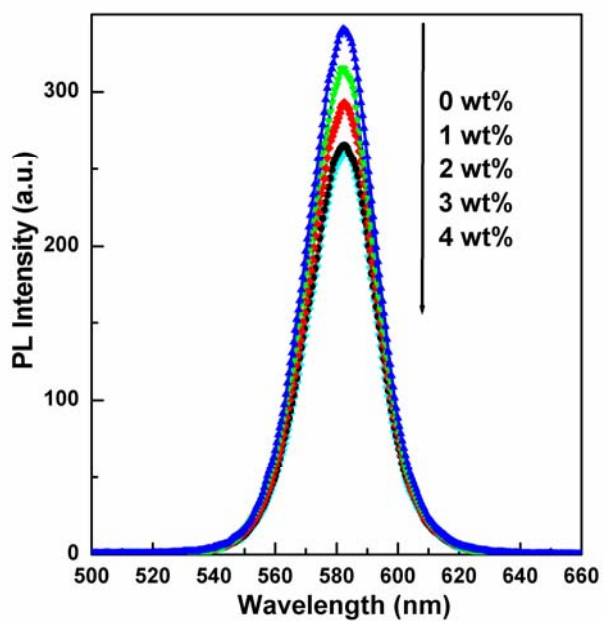


Figure S2. PL spectra of QDs (3.2 nm) in NaOH/urea aqueous solution with different urea concentration.

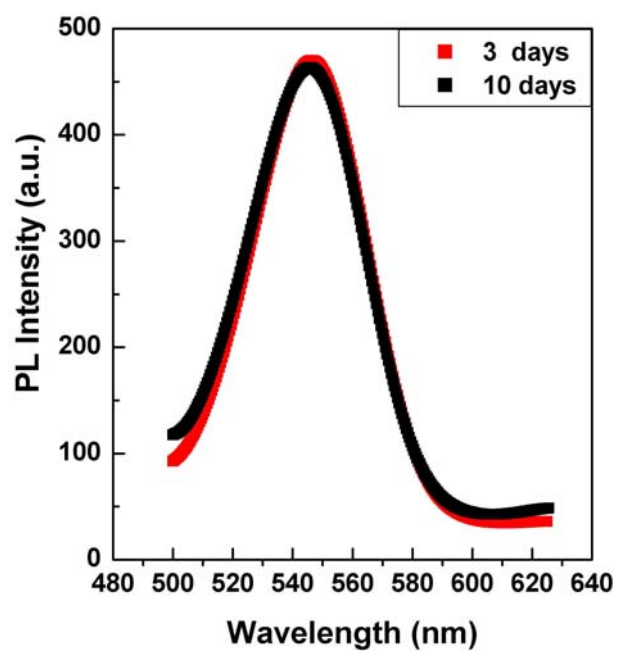


Figure S3. PL spectra of cellulose-QDs (2.8 nm) hybrid hydrogel with different dialysis time.

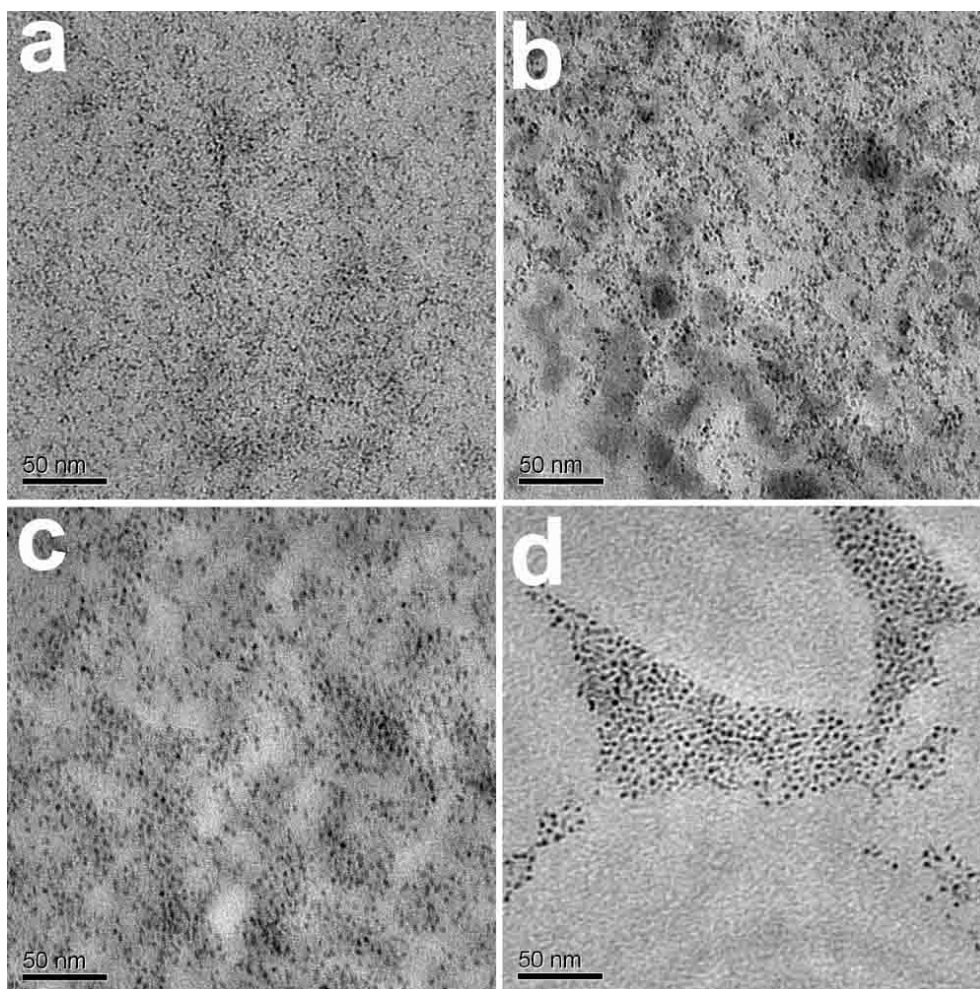


Figure S4. TEM images of CdSe/ZnS quantum dots with different sizes: 2.8 nm (a), 3.0 nm (b), 3.2 nm (c) and 3.6 nm (d).