

**Supplementary Materials:**

*Communication*

# **Bacterial Cellulose: A Versatile Chiral Host for Circularly Polarized Luminescence**

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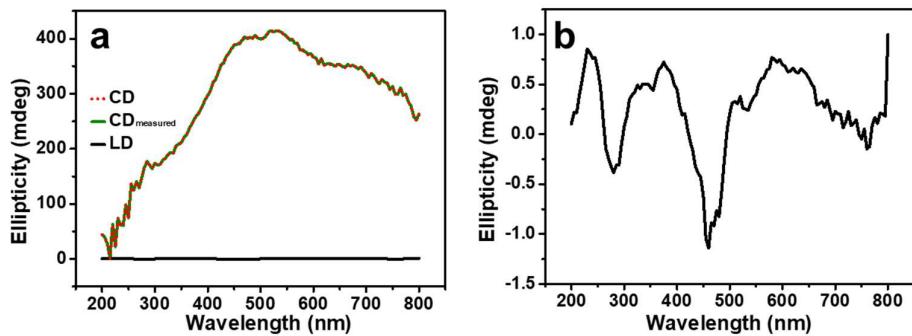


Figure S1. a) CD and LD spectra of BC. b) enlarged LD spectrum of BC.

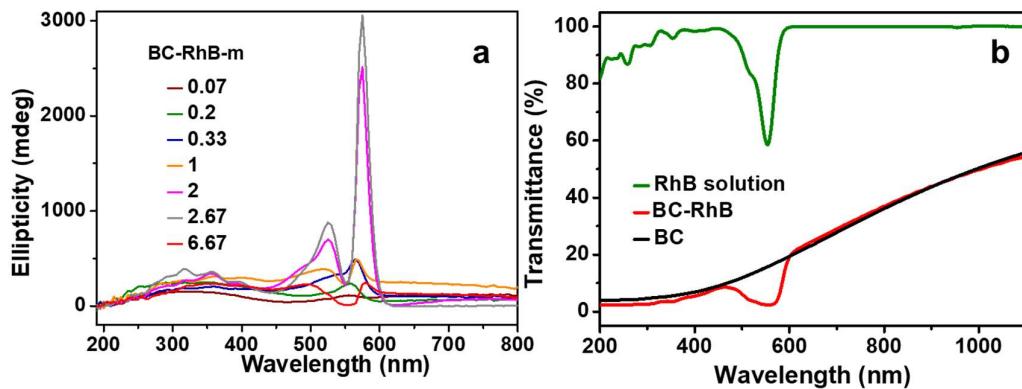


Figure S2. a) CD spectra of BC-RhB-m. b) UV-Vis transmission spectra of RhB solution, BC and BC-RhB.

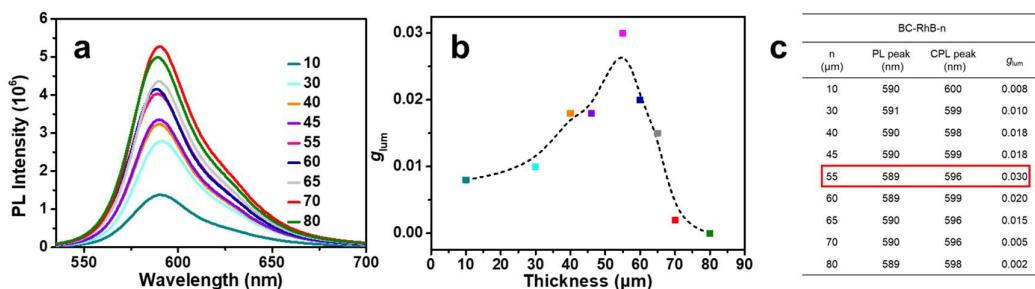


Figure S3. Characterization of BC-RhB-n. a) PL spectra. b, c)  $g_{lum}$  of BC-RhB-n.

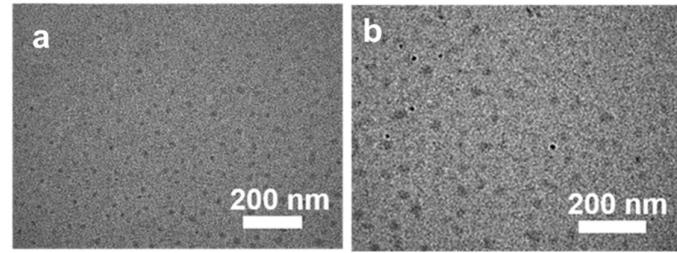


Figure S4. TEM images of a) PDotB and b) PDotR.

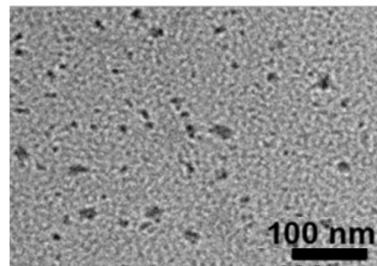


Figure S5. TEM images of CDot.

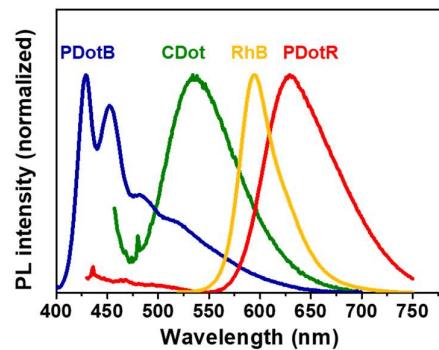


Figure S6. PL spectra of PDotB, CDot, RhB and PDotR solution.