

Supplementary Information

The Synthesis and Application of Excitation-Dependent Ultra-long Lifetime Room Temperature Phosphorescence Carbon Dots Composite

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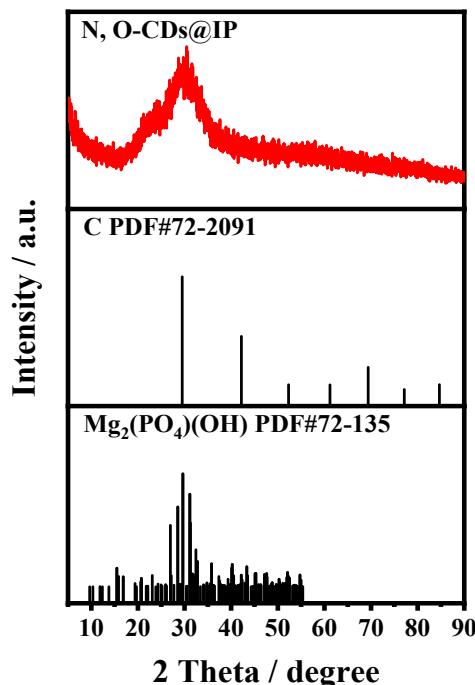


Figure S1. XRD patterns of CDs@Phosphate composite and the standard diffraction pattern of C (JCPDS Card No. 72-2091) and Mg₂(PO₄)(OH) (JCPDS Card No. 72-135).

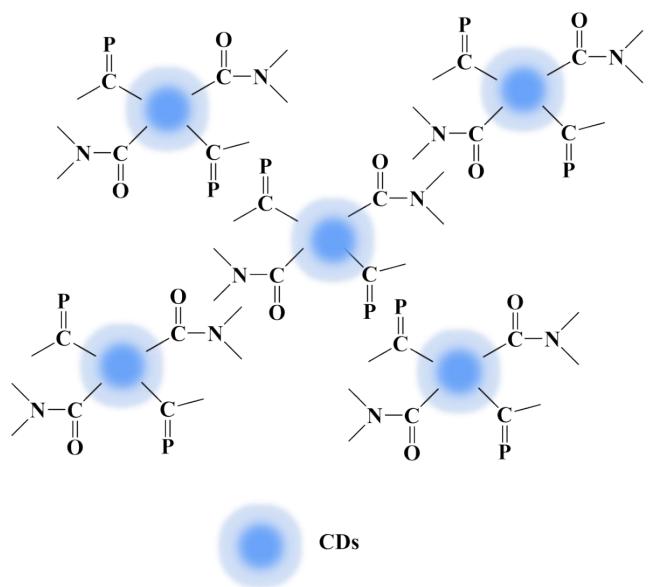


Figure S2. Schematic of the proposed structure of CDs@Phosphate composite.