Supporting Information

Facile Conversion of Coal Tar to Orange Fluorescent Carbon Quantum Dots and Their Composite Encapsulated by Liposomes for Bioimaging

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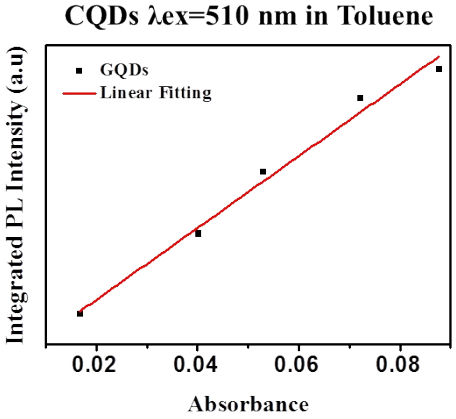
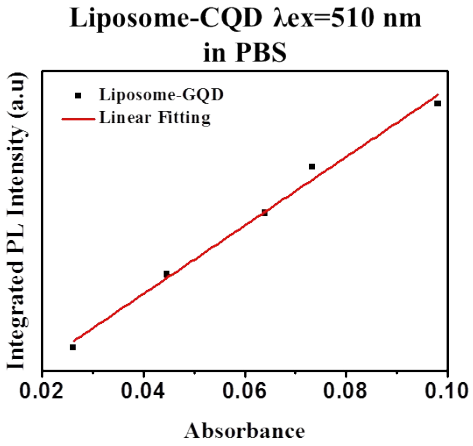


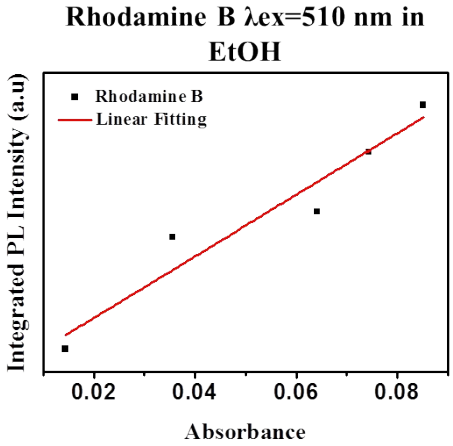
	CQDs				
Abs	0.01682	0.04022	0.05306	0.07216	0.0877
Integrated PL	11324	21360	29070	38296	41938
Slope	4.5×10^5				
QY	29.7 %				

Figure S1. Plots of integrated PL intensity of CQDs as a function of optical absorbance at 510 nm and relevant data.



	Liposome-CQD				
Abs	0.02615	0.04461	0.06391	0.07327	0.09812
Integrated PL	5365	9785	13465	16235	20025
Slope	4.1×10^4				
QY	10.7 %				

Figure S2. Plots of integrated PL intensity of liposome-CQD as a function of optical absorbance at 510 nm and relevant data.



	Rhodamine B				
Abs	0.01435	0.03564	0.06416	0.07431	0.08511
Integrated PL	37734	74989	83583	103294	119036
Slope	1.03×10^6				
QY	56 %				

Figure S3. Plots of integrated PL intensity of rhodamine B (referenced dye) as a function of

optical absorbance at 510 nm and relevant data.

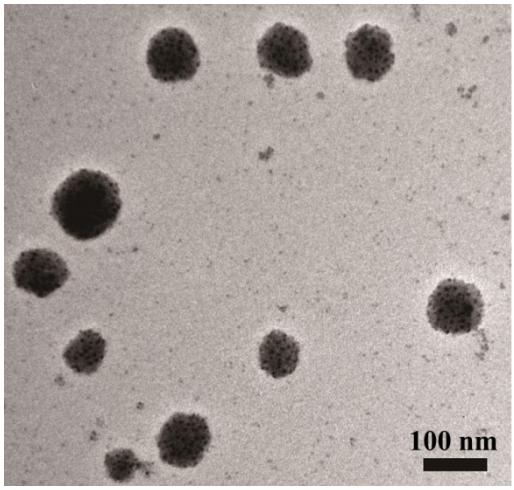


Figure S4. TEM of liposome-CQDs.