Supplementary Data

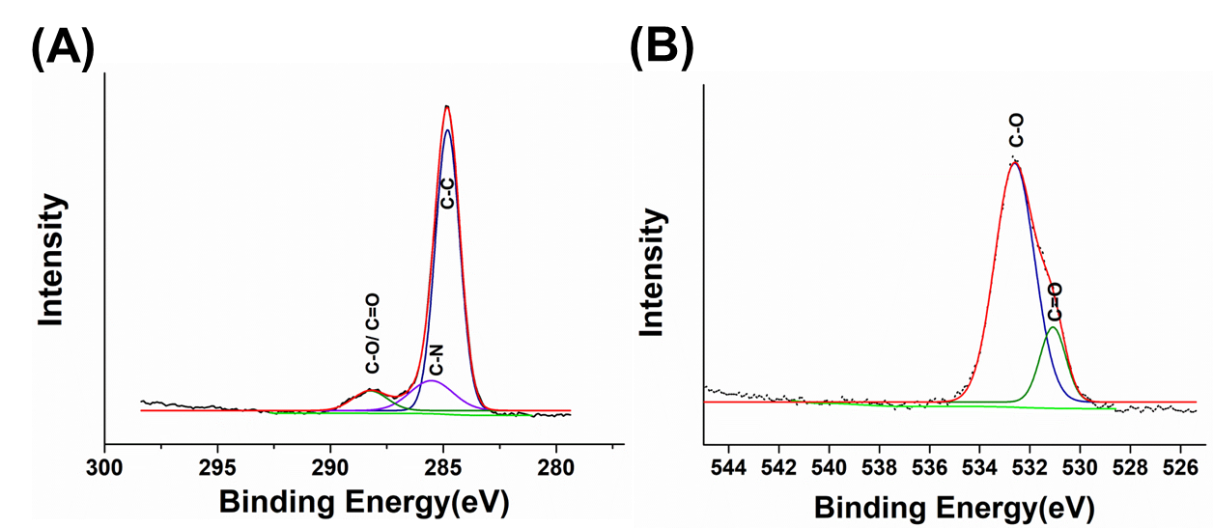
**The cost-effective preparation of green fluorescent carbon dots for bioimaging and enhanced intracellular drug delivery**

Yuqing Suna,1, Shaohui Zhenga,b,1\*, Long Liua, Ying Konga, Aiwei Zhangb, Kai Xua,b\*, Cuiping Hana,b\*

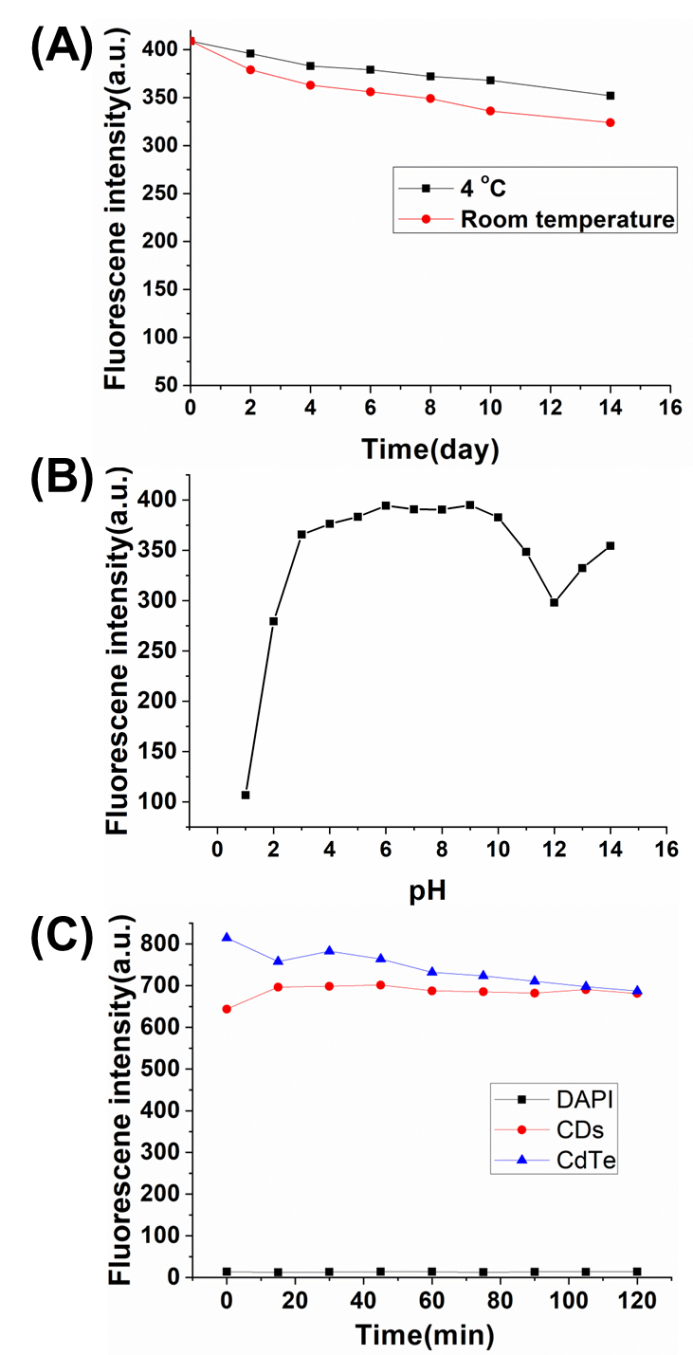
aSchool of Medical Imaging, Xuzhou Medical University, Xuzhou, Jiangsu,221004, PR China

bDepartment of Radiology, Affiliated Hospital of Xuzhou Medical University, Xuzhou, Jiangsu221000, PR China

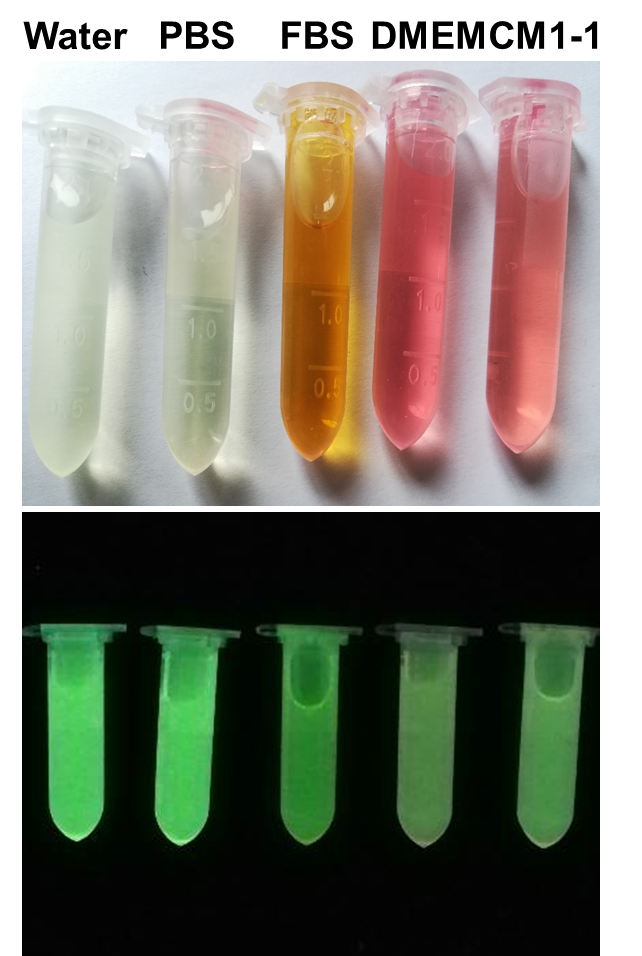
\*Corresponding authors: C. Han (hancp@xzhmu.edu.cn) and K. Xu ([xkpaper@163.com](mailto:xkpaper@163.com)) S. Zheng (shaohui19910@163.com)



**Figure. S1** XPS spectrum of DOX-CDs: (A) C1s spectrum, (B) O1s spectrum



**Figure. S2** Stability test of DOX-CDs at (A) Different time, (B) different pH, (C) Fluorescence anti-photobleaching test.

****

**Figure. S3** Bright and fluorescent photos of DOX-CDs in various medium including DI water, PBS, FBS, DMEM and CM1-1.



Figure. S4. The zeta potential of CDs, DOX and DOX-CDs.



**Figure. S5** Drug loading ability of CDs: (A) Drug encapsulation efficiency at various concentrations of DOX, (B) Drug loading efficiency at various concentrations of DOX.