Journal of Materials Chemistry B



CORRECTION

View Article Online
View Journal | View Issue



Cite this: *J. Mater. Chem. B*, 2025, **13**, 8568

Correction: Copper nanocrystalline-doped folic acid-based super carbon dots for an enhanced antitumor effect in response to tumor microenvironment stimuli

Qing Xia,^a Ying Zhang,^a Hui Zhang,^b Xiong Zhang,^a Xiaodan Wu,^a Zhiqiang Wang,^a Rui Yan^a and Yingxue Jin^{ab}

DOI: 10.1039/d5tb90106e

rsc.li/materials-b

Correction for 'Copper nanocrystalline-doped folic acid-based super carbon dots for an enhanced antitumor effect in response to tumor microenvironment stimuli' by Qing Xia et al., J. Mater. Chem. B, 2022, 10, 8046–8057, https://doi.org/10.1039/D2TB01363K.

In the version of this article originally published, the 'Liver/FA-CDs@Cu^x' tissue image in Fig. 5e was presented incorrectly. The correct image appears below:

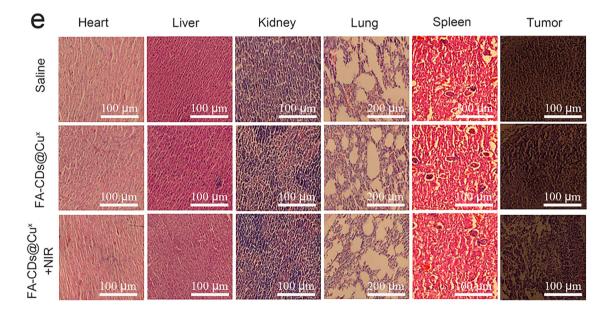


Fig. 5 (e) H&E stained images of tumor sections, heart, liver, spleen, lung and kidney collected from different groups of mice after 14 days of treatment.

^a Key Laboratory for Photonic and Electronic Bandgap Materials, Ministry of Education, College of Chemistry & Chemical Engineering, Harbin Normal University, Harbin, 150025, China. E-mail: jyxprof@163.com, wzq70402@163.com, yanrui-1981@163.com; Tel: +86-0451-88060569

^b Key Laboratory of Molecular Cytogenetics and Genetic Breeding of Heilongjiang Province, College of Life Science and Technology, Harbin Normal University, Harbin, 150025, China

In the electronic supplementary information (ESI) of the original publication of this paper, an image of the stained cells in Fig. S6b was incorrectly presented. The correct image appears below:

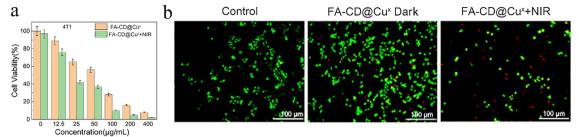


Fig. S6 (a) MTT assay to detect the toxicity of FA-CDs@Cu^x on 4T1 cells; (b) Live-dead cell staining of 4T1 cells.

In the ESI of the original publication of this paper, two images of the in vivo fluorescence imaging in Fig. S7 were incorrectly presented and organized. For the sake of caution, the authors re-did the live imaging experiment and got some new images. The new experimental results are in agreement with the conclusions in the main article. The correct Fig. S7 appears below:

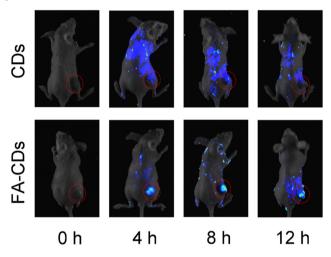


Fig. S7 In vivo fluorescence imaging of CDs and FA-CDs at different intervals (0, 2, 4, 8, 12 h).

An independent expert has viewed the corrected figures and confirmed that they are consistent with the discussions and conclusions presented.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.