



CrossMark
click for updates

Cite this: *Anal. Methods*, 2016, 8, 2541

DOI: 10.1039/c6ay90030e

www.rsc.org/methods

Correction: New fluorescent probe for Zn^{2+} imaging in living cells and plants

Rong Shen,^{ab} Di Liu,^{ab} Chenchen Hou,^{ab} Ju Cheng^{abc} and Decheng Bai^{*abc}

Correction for 'New fluorescent probe for Zn^{2+} imaging in living cells and plants' by Rong Shen *et al.*, *Anal. Methods*, 2016, 8, 83–88.

In the original article, there is an error in the x-axis of Fig. 1d. The corrected figure is shown below.

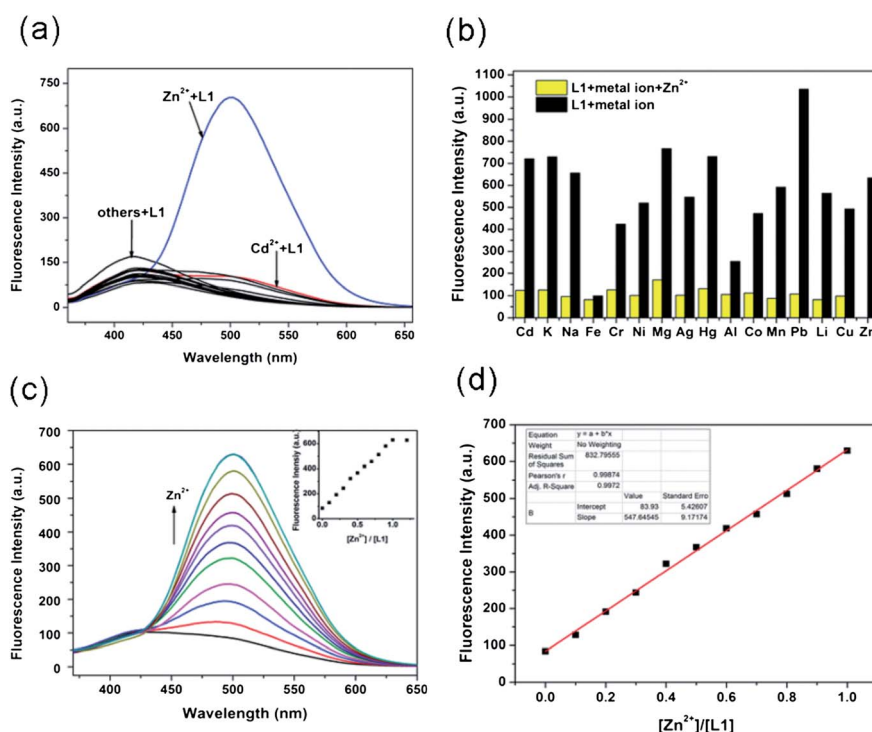


Fig. 1 (a) Fluorescent emission spectra of 100 μM other metal ions and 50 μM Zn^{2+} in the same media. Inset: photograph of L1 and L1 + Zn^{2+} (20 μM). (b) Fluorescence intensities of L1 (10 μM) upon the addition of various metal ions in $\text{H}_2\text{O}/\text{ethanol}$ (8 : 2, v/v). Yellow bars represent addition of L1 (10 μM) to the other miscellaneous competitive cations (20 μM) including Cd^{2+} , K^+ , Na^+ , Fe^{3+} , Cr^{3+} , Ni^{2+} , Mg^{2+} , Ag^+ , Hg^{2+} , Al^{3+} , Co^{2+} , Mn^{2+} , Pb^{2+} , Li^+ , Cu^{2+} and Zn^{2+} . Black bars represent the addition of Zn^{2+} to the solution of L1 in the presence of different cations. (c) Fluorescence titration spectra of L1 upon the addition of different concentrations of Zn^{2+} (0–1 equiv.) in $\text{H}_2\text{O}/\text{ethanol}$ (8 : 2, v/v). (d) Fluorescence intensity at 628 nm of L1 as a function of Zn^{2+} concentration.

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

^aInstitute of Integrated Traditional Chinese and Western Medicine, School of Basic Medical Sciences, Lanzhou University, Lanzhou, 730000, Gansu, China. E-mail: shenr12@lzu.edu.cn

^bKey Laboratory of Preclinical Study for New Drugs of Gansu Province, Lanzhou University, School of Basic Medical Sciences, 199 West Donggang Road, Lanzhou 730000, Gansu, China. E-mail: bdc@lzu.edu.cn; Tel: +86 13088758222

^cInstitute of Operative Surgery, School of Basic Medical Sciences, Lanzhou University, Lanzhou 730000, Gansu, China

