



CrossMark  
click for updates

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

DOI: 10.1039/c6ay90030e

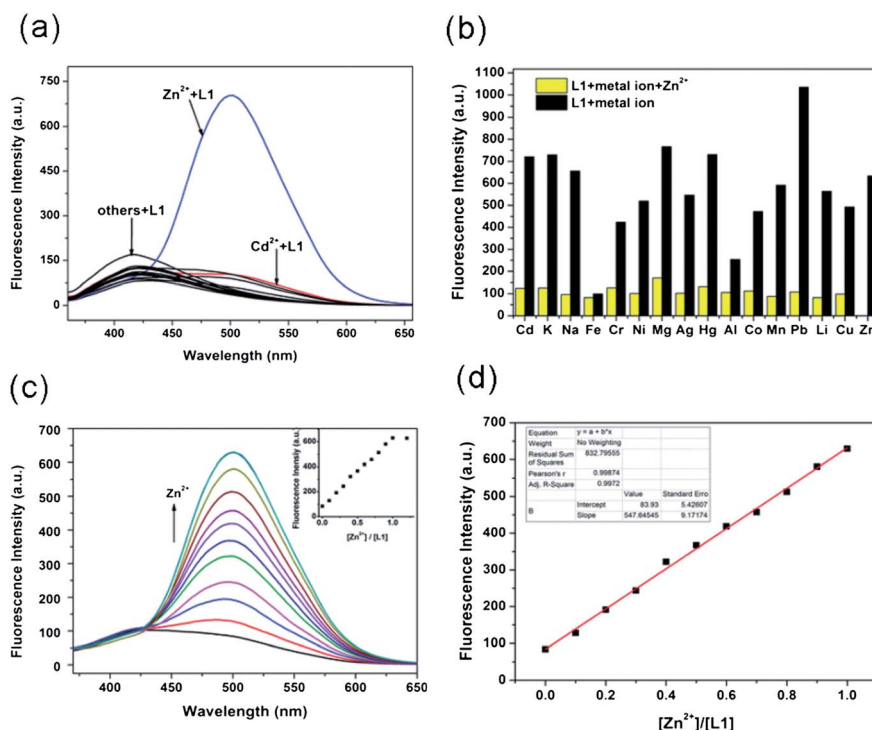
www.rsc.org/methods

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

Rong Shen,<sup>ab</sup> Di Liu,<sup>ab</sup> Chenchen Hou,<sup>ab</sup> Ju Cheng<sup>abc</sup> and Decheng Bai<sup>\*abc</sup>

Correction for 'New fluorescent probe for  $\text{Zn}^{2+}$  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  $\mu\text{M}$  other metal ions and 50  $\mu\text{M}$   $\text{Zn}^{2+}$  in the same media. Inset: photograph of L1 and L1 +  $\text{Zn}^{2+}$  (20  $\mu\text{M}$ ). (b) Fluorescence intensities of L1 (10  $\mu\text{M}$ ) 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  $\mu\text{M}$ ) to the other miscellaneous competitive cations (20  $\mu\text{M}$ ) including  $\text{Cd}^{2+}$ ,  $\text{K}^+$ ,  $\text{Na}^+$ ,  $\text{Fe}^{3+}$ ,  $\text{Cr}^{3+}$ ,  $\text{Ni}^{2+}$ ,  $\text{Mg}^{2+}$ ,  $\text{Ag}^+$ ,  $\text{Hg}^{2+}$ ,  $\text{Al}^{3+}$ ,  $\text{Co}^{2+}$ ,  $\text{Mn}^{2+}$ ,  $\text{Pb}^{2+}$ ,  $\text{Li}^+$ ,  $\text{Cu}^{2+}$  and  $\text{Zn}^{2+}$ . Black bars represent the addition of  $\text{Zn}^{2+}$  to the solution of L1 in the presence of different cations. (c) Fluorescence titration spectra of L1 upon the addition of different concentrations of  $\text{Zn}^{2+}$  (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  $\text{Zn}^{2+}$  concentration.

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

<sup>a</sup>Institute of Integrated Traditional Chinese and Western Medicine, School of Basic Medical Sciences, Lanzhou University, Lanzhou, 730000, Gansu, China. E-mail: shenr12@lzu.edu.cn

<sup>b</sup>Key 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

<sup>c</sup>Institute of Operative Surgery, School of Basic Medical Sciences, Lanzhou University, Lanzhou 730000, Gansu, China

