

CrossMark
click for updates

Correction: New fluorescent probe for Zn²⁺ imaging in living cells and plants

Cite this: *Anal. Methods*, 2016, 8, 2541Rong Shen,^{ab} Di Liu,^{ab} Chenchen Hou,^{ab} Ju Cheng^{abc} and Decheng Bai^{*abc}

DOI: 10.1039/c6ay90030e

Correction for 'New fluorescent probe for Zn²⁺ imaging in living cells and plants' by Rong Shen *et al.*, *Anal. Methods*, 2016, 8, 83–88.

www.rsc.org/methods

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

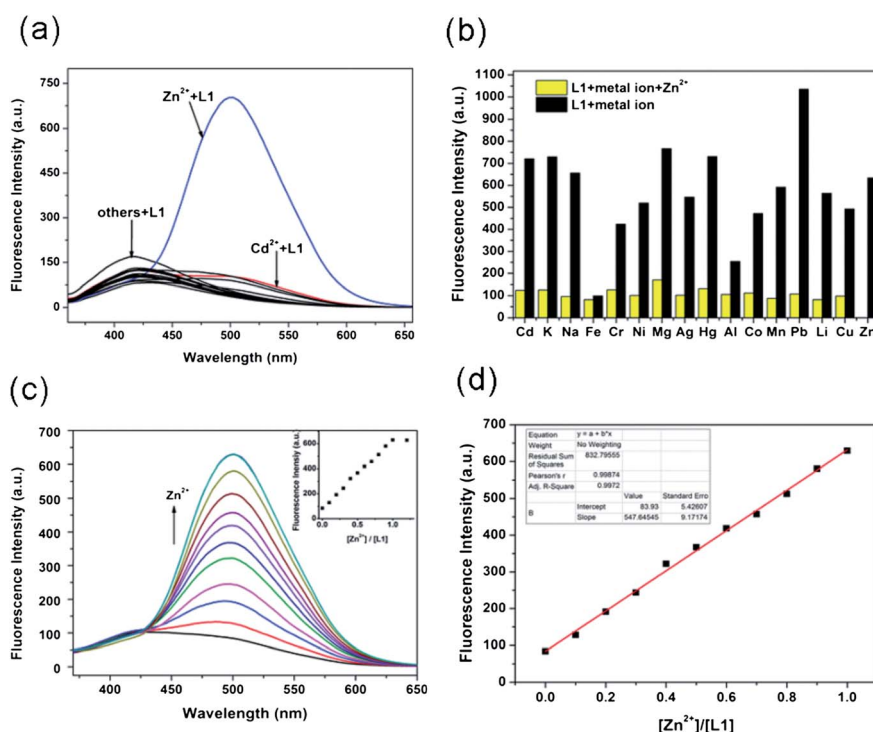


Fig. 1 (a) Fluorescent emission spectra of 100 μM other metal ions and 50 μM Zn²⁺ in the same media. Inset: photograph of L1 and L1 + Zn²⁺ (20 μM). (b) Fluorescence intensities of L1 (10 μM) upon the addition of various metal ions in H₂O/ethanol (8 : 2, v/v). Yellow bars represent addition of L1 (10 μM) to the other miscellaneous competitive cations (20 μM) including Cd²⁺, K⁺, Na⁺, Fe³⁺, Cr³⁺, Ni²⁺, Mg²⁺, Ag⁺, Hg²⁺, Al³⁺, Co²⁺, Mn²⁺, Pb²⁺, Li⁺, Cu²⁺ and Zn²⁺. Black bars represent the addition of Zn²⁺ to the solution of L1 in the presence of different cations. (c) Fluorescence titration spectra of L1 upon the addition of different concentrations of Zn²⁺ (0–1 equiv.) in H₂O/ethanol (8 : 2, v/v). (d) Fluorescence intensity at 628 nm of L1 as a function of Zn²⁺ 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