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## Correction: A highly selective fluorescent probe for human NAD(P)H:quinone oxidoreductase 1 (hNQO1) detection and imaging in living tumor cells

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Correction for 'A highly selective fluorescent probe for human NAD(P)H:quinone oxidoreductase 1 (hNQO1) detection and imaging in living tumor cells' by Ya Zhu *et al.*, *RSC Adv.*, 2019, 9, 26729–26733.

The authors regret that some articles reporting probes for detecting human NAD(P)H:quinone oxidoreductase 1 were not cited in the original article. The missing references are listed below as ref. 1–6, and should be cited in the original paper at the end of the following sentence on page 26729:

Herein, we designed and synthesized a novel fluorescent probe **1** for detection of hNQO1 based on TCF-OH as a chromophore and quinone propionic acid (QPA) as a recognition group.<sup>1–6</sup>

The authors sincerely apologise for this oversight.

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

## References

- 1 Z. M. Cheng, W. O. Valenca, G. G. Dias, J. Scott, N. D. Barth, F. de Moliner, G. B. P. Souza, R. J. Mellanby, M. Vendrell and E. N. da Silva, Natural product-inspired profluorophores for imaging NQO1 activity in tumour tissues, *Bioorg. Med. Chem.*, 2019, 27, 3938–3946.
- 2 S. U. Hettiarachchi, B. Prasai and R. L. McCarley, Detection and Cellular Imaging of Human Cancer Enzyme Using a Turn-On, Wavelength-Shiftable, Self-Immulative Profluorophore, *J. Am. Chem. Soc.*, 2014, 136, 7575–7578.
- 3 N. Kwon, M. K. Cho, S. J. Park, D. Kim, S. J. Nam, L. Cui, H. M. Kim and J. Yoon, An efficient two-photon fluorescent probe for human NAD(P)H:quinone oxidoreductase (hNQO1) detection and imaging in tumor cells, *Chem. Commun.*, 2017, 53, 525–528.
- 4 Y. Nakamura, Z. H. Shen, T. Harada, T. Nagaya, K. Sato, S. Okuyama, F. Ogata, P. L. Choyke, R. L. McCarley and H. Kobayashi, Characteristics of ovarian cancer detection by a near-infrared fluorescent probe activated by human NAD(P)H:quinone oxidoreductase isozyme 1 (hNQO1), *Oncotarget*, 2017, 8, 61181–61192.
- 5 D. Pan, F. Y. Luo, X. J. Liu, W. Liu, W. Chen, F. Liu, Y. Q. Kuang and J. H. Jiang, A novel two-photon fluorescent probe with a long Stokes shift and a high signal-to-background ratio for human NAD(P)H:quinone oxidoreductase 1 (hNQO1) detection and imaging in living cells and tissues, *Analyst*, 2017, 142, 2624–2630.
- 6 Z. H. Shen, B. Prasai, Y. Nakamura, H. Kobayashi, M. S. Jackson and R. L. McCarley, A Near-Infrared, Wavelength-Shiftable, Turn-on Fluorescent Probe for the Detection and Imaging of Cancer Tumor Cells, *ACS Chem. Biol.*, 2017, 12, 1121–1132.

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