



Cite this: *Chem. Commun.*, 2025, 61, 9980

# Correction: Ratiometric fluorescent probes for selective and sensitive visualization of bacterial microenvironment protease activity

Qinghua Wang,<sup>a</sup> Xiang Wang,<sup>a</sup> Ying Sun,<sup>a</sup> Xiaoxiao Yang,<sup>ab</sup> Leilei Zhang,<sup>a</sup> Qingyang Zhang,<sup>a</sup> Zhi-Qiang Hu<sup>c</sup> and Hai-Yu Hu<sup>\*a</sup>

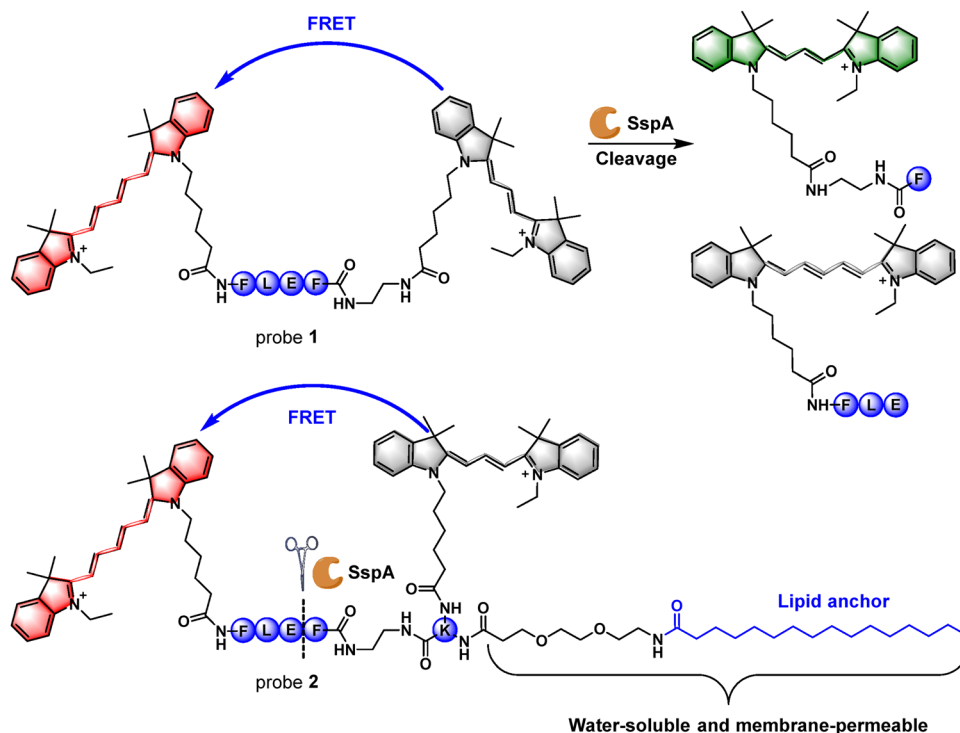
DOI: 10.1039/d5cc90205c

rsc.li/chemcomm

Correction for 'Ratiometric fluorescent probes for selective and sensitive visualization of bacterial microenvironment protease activity' by Qinghua Wang et al., *Chem. Commun.*, 2019, **55**, 5064–5067, <https://doi.org/10.1039/C9CC00953A>.

The authors regret that there were errors in Scheme 1 and the graphical abstract image in the original article.

While the peptide sequence "Phe-Leu-Glu-Phe" (FLEF) was correctly stated in the manuscript text, it was incorrectly labeled as FGLF in the structures of probes 1 and 2 in Scheme 1. Accordingly, the published structures of probes 1 and 2 should be revised as shown here.



**Scheme 1** Schematic illustration of the FRET-based dual-excitation ratiometric fluorescence for self-validated SspA protease detection.

<sup>a</sup> State Key Laboratory of Bioactive Substances and Function of Natural Medicine, Beijing Key Laboratory of Active Substances Discovery and Drugability Evaluation, Institute of Materia Medica, Peking Union Medical College and Chinese Academy of Medical Sciences, Beijing, 100050, China. E-mail: haiyu.hu@imm.ac.cn

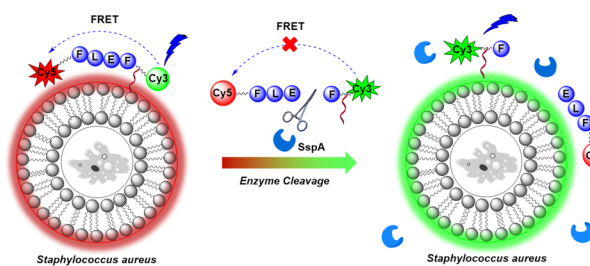
<sup>b</sup> Department of Chemistry and Center for Diagnostics and Therapeutics, Georgia State University, Atlanta, Georgia 30303, USA

<sup>c</sup> College of Chemistry and Molecular Engineering, Qingdao University of Science and Technology, Qingdao, 266042, China



The graphical abstract displays the same incorrect sequence (FGLF instead of FLEF) and shows the fluorophores attached at incorrect sites relative to the probe structure. The corrected image is provided here.

### Graphical abstract



All data analyses presented in the original manuscript are accurate, and the results and conclusions remain unchanged. The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

