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CORRECTION

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Correction: Recent advances in fluorescent probes for lipid droplets

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Correction for 'Recent advances in fluorescent probes for lipid droplets' by Yanyan Zhao *et al.*, *Chem. Commun.*, 2022, **58**, 1495–1509, DOI: 10.1039/D1CC05717K.

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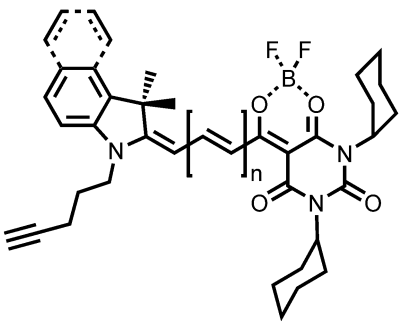
The authors regret that two important references about lipid droplet probes did not appear in the article. The references are listed below as ref. 1 and 2.

Ref. 1 is a comprehensive review article that summarized the fluorescent probes for lipid droplets up to 2018.

Ref. 2 reports a new family of merocyanine fluorophores, named StatoMerocyanines, for imaging lipid droplets. The probes exhibited fluorescence spectra covering the visible (550 nm) and near infrared (794 nm) regions with high brightness and photostability. Notably, SMCy5 displayed the brightness of 2 27 500 M^{-1} cm^{-1} in dichloromethane, which was one of the brightest molecules to date. The author demonstrated the superior performance of StatoMerocyanine in lipid droplet imaging including 3D imaging, multicolor imaging and two-photon imaging on cell and tissue samples. Significantly, the lipid droplet exchange was monitored with SMCy3.5 and SMCy5.5 by multicolor 3D imaging without any leakage. These dyes provided a robust tool box for imaging lipid droplets.



StatoMerocyanine

n=1, indolenine	SMCy3
n=1, benzoindolenine	SMCy3.5
n=2, indolenine	SMCy5
n=2, benzoindolenine	SMCy5.5
n=3, indolenine	SMCy7
n=3, benzoindolenine	SMCy7.5

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

References

1 T. K. Fam, A. S. Klymchenko and M. Collot, *Materials*, 2018, **11**, 1768.
2 M. Collot, T. K. Fam, P. Ashokkumar, O. Faklaris, T. Galli, L. Danglot and A. S. Klymchenko, *J. Am. Chem. Soc.*, 2018, **140**, 5401–5411.

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