



Corrigendum: Super-Resolution Microscopy: Shedding New Light on *In Vivo* Imaging

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Keywords: super-resolution techniques, *in vivo* imaging, labeling strategies, near-infrared fluorescent probes, *in vivo* applications

A corrigendum on

Super-Resolution Microscopy: Shedding New Light on *In Vivo* Imaging

by Jing, Y., Zhang, C., Yu, B., Lin, D. and Qu, J. (2021). *Super-Resolution Microscopy: Shedding New Light on In Vivo Imaging*. *Front. Chem.* 9:746900. doi: 10.3389/fchem.2021.746900

In the original article, there was a mistake in the legend for **Figure 9A** as published. The correct legend appears below.

(A) Comparison of podocin-stained renal biopsies from normal and nephrotic disease tissue slice by SIM technology (Pullman et al., 2016). Scale bar: 5 μ m. Reprinted from Pullman et al. (2016) with permission from the Optical Society of America.

In the original article, the reference for **Figure 9A** was incorrectly written as:

Unnersjö-Jess, D., Scott, L., Blom, H., and Brismar, H. (2016). Superresolution Stimulated Emission Depletion Imaging of Slit Diaphragm Proteins in Optically Cleared Kidney Tissue. *Kidney Int.* 89, 243–247. doi: 10.1038/ki.2015.308.

It should be:

Pullman J. M., Nylk J., Campbell E. C., Gunn-Moore F. J., Prystowsky M. B., and Dholakia K. (2016) Visualization of Podocyte Substructure with Structured Illumination Microscopy (SIM): a New Approach to Nephrotic Disease. *Biomed Opt. Express*, 7, 302–311. doi: 10.1364/BOE.7.000302.

In the original article, there was an error. **Figure 3** does not contain part E. The text in **Labeling approaches, Genetically Encoded Probes**, Paragraph 2 was changed to read: “For example, several experiments for *in vivo* SRM applied the heterozygous TgN (Thy1-EYFP) mice expressing enhanced yellow fluorescent protein (EYFP) or GFP, EGFP, which is under the control of the regulatory element from the thy1 gene (**Figure 1A**) (Berning et al., 2012; Bethge et al., 2013)”.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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