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Author Correction: High-pulse-energy multiphoton imaging of neurons and oligodendrocytes in deep murine brain with a fiber laser

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-021-86924-6>, published online 12 April 2021

The original version of this Article contained extensive reference errors, where the references given in Table 2 were incorrect.

The authors omitted the below papers, which are now listed as References 38–42.

Kobat, D. *et al.* Deep tissue multiphoton microscopy using longer wavelength excitation. *Opt. Exp.* **17**, 13354–13364, <https://doi.org/10.1364/oe.17.013354> (2009).

Kleinfeld, D. & Denk, W. in *Imaging Neurons—A Laboratory Manual* Vol. 23 (eds R. Yuste, F. Lanni, & A. Konnerth) 23.21–23.15 (CSHL Press, 2000).

Kleinfeld, D., Mitra, P. P., Helmchen, F. & Denk, W. Fluctuations and stimulus-induced changes in blood flow observed in individual capillaries in layers 2 through 4 of rat neocortex. *Proc. Natl. Acad. Sci. U.S.A.* **95**, 15741–15746 (1998).

Denk, W. *et al.* Anatomical and functional imaging of neurons using two-photon laser-scanning microscopy. *J. Neurosci. Methods* **54**, 151–162 (1994).

Horton, N. G. *et al.* In vivo three-photon microscopy of subcortical structures within an intact mouse brain. *Nat. Photonics* **7**, 205–209, <https://doi.org/10.1038/nphoton.2012.336> (2013).

Consequently, References 43–67 were incorrectly listed as References 38–62.

The original Table 2 and accompanying legend appear below.

The original Article has been corrected.

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	The decay length	Wavelength	Reference
2PEF	65 μm	775 nm	³⁸
	$\sim 100 \mu\text{m}$	800 nm	¹⁹
	80–100 μm	800–850 nm	³⁹
	120–220 μm	830 nm	⁴⁰
	100 μm	~ 860 nm	⁴¹
	80 μm	850, 920 nm	⁵⁹
	95 μm	925 nm	¹²
	170 μm	940 nm	¹⁴
	126 μm	1110 nm	⁵⁹
	143 μm	1280 nm	³⁸
THG	67 μm	1030 nm	This work
	65–84 μm	1160 nm	³⁷
3PEF	56 μm	1675 nm	⁴²
Photodamage ^a	81 μm	1030 nm	This work

Table 2. The decay lengths of MPM imaging of the rodent brains. ^aThe characteristic length at the excitation wavelength.



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