BMC Neuroscience

RETRACTION NOTE Open Access

Retraction Note: Solid lipid curcumin particles provide greater anti-amyloid, anti-inflammatory and neuroprotective effects than curcumin in the 5xFAD mouse model of Alzheimer's disease

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Retraction Note: ***BMC Neurosci*19, 7 (2018).**
https://doi.org/10.1186/s12868-018-0406-3

The Editor has retracted this article at the corresponding author's request. After publication, concerns were raised regarding similarities in the presented data. Specifically:

- In Fig. 6, the PFC 5xFAD + SLCP (2d) and CA1 5xFAD + Cur (2d) images appear highly similar;
- Also in Fig. 6, the CA3 5xFAD + Cur (2d) and 5xFAD + SLCP (2d) appear to originate from the same sample;
- Figure 8a GFAP 5xFAD (top) appears highly similar to Fig. 13a GFAP 5xFAD (bottom) with a brightness adjustment.

The authors checked their data and identified additional errors:

- In Fig. 11a, the two Iba-1 5xFAD images originated from the same sample;
- In Fig. 14a, the two Iba-1 5xFAD images originated from the same sample.

The Editor and the authors therefore no longer have confidence in the presented data.

All authors agree to this retraction.

[1] Maiti, P., Paladugu, L. & Dunbar, G.L. Solid lipid curcumin particles provide greater anti-amyloid, anti-inflammatory and neuroprotective effects than curcumin in the 5xFAD mouse model of Alzheimer's disease. *BMC Neurosci***19**, 7 (2018). https://doi.org/10.1186/s12868-018-0406-3.

Published online: 24 February 2023

Publisher's Note

The online version of the original article can be found at https://doi.org/10.1186/s12868-018-0406-3.

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