

CORRECTION

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# Correction: Dimethyl itaconate ameliorates cognitive impairment induced by a high-fat diet via the gut-brain axis in mice

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**Correction: Microbiome 11, 30 (2023)**

<https://doi.org/10.1186/s40168-023-01471-8>

Published online: 20 March 2023

Following the publication of the original article [1], the author reported that Fig. 4i is missing. The correct Fig. 4 is included here and the original article has been updated.

## Reference

1. Pan W, Zhao J, Wu J, et al. Dimethyl itaconate ameliorates cognitive impairment induced by a high-fat diet via the gut-brain axis in mice. *Microbiome*. 2023;11:30. <https://doi.org/10.1186/s40168-023-01471-8>.

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The original article can be found online at <https://doi.org/10.1186/s40168-023-01471-8>.

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