

RETRACTION

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Retraction: Stereoisomers of octahydrocurcumin, the hydrogenated metabolites of curcumin, display stereoselective activity on the CYP2E1 enzyme in L-02 cells

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Retraction of 'Stereoisomers of octahydrocurcumin, the hydrogenated metabolites of curcumin, display stereoselective activity on the CYP2E1 enzyme in L-02 cells' by Dandan Luo *et al.*, *Food Funct.*, 2023, **14**, 2822–2835, <https://doi.org/10.1039/D2FO03892G>.

The Royal Society of Chemistry hereby wholly retracts this *Food & Function* article due to concerns with the reliability of the data.

The X-ray diffraction pattern and crystal data reported in Table 2 are incorrectly labelled as M1 (3*R*,5*S*)-octahydrocurcumin (*meso*-octahydrocurcumin) when it should be M2 (3*S*,5*S*)-octahydrocurcumin. The authors were only able to grow M2 as a single crystal and have not provided an X-ray diffraction pattern or crystal data for M1.

The conclusions of the study report that the stereoisomers display stereoselective activity against the CYP2E1 enzyme; however, the structures of the isomers tested have not been sufficiently verified.

An independent expert has reviewed the article and recommended retraction.

Given the significance of these concerns, the findings presented in this paper are no longer reliable.

The authors were informed but have not indicated whether they agree with the decision to retract.

Rebecca Garton
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 Executive Editor, *Food & Function*

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