

RETRACTION

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Retraction: The extract from the roots of *Rose odorata* sweet var. *gigantea* (Coll. et Hemsl.) Rehd. et Wils attenuates DSS-induced ulcerative colitis by regulating the Nrf2/NF- κ B signaling pathways

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Retraction of 'The extract from the roots of *Rose odorata* sweet var. *gigantea* (Coll. et Hemsl.) Rehd. et Wils attenuates DSS-induced ulcerative colitis by regulating the Nrf2/NF- κ B signaling pathways' by Xinyu Li *et al.*, *RSC Adv.*, 2020, 10, 9450–9461, <https://doi.org/10.1039/C9RA10747A>.

The Royal Society of Chemistry hereby wholly retracts this *RSC Advances* article due to concerns with the image within Fig. 5A, the reliability of the western blot data, and unattributed text overlap with ref. 1.

In Fig. 5A, the ROE (250 mg kg⁻¹) column on the top (Nrf2) line and bottom (NF- κ B) line appear to have similarities consistent with the image being flipped and rotated.

The raw data for the western blot panels in Fig. 7 have no visible background and appear over-contrasted. The individual bands are uncharacteristically very uniform and regular in shape, indicating that they may not be genuine.

Given the significance of the concerns about the validity of both the data in the article and the raw data provided by the authors, the findings presented in this paper are not reliable.

The authors were informed about the retraction of this article but have not responded.

Laura Fisher, Executive Editor, *RSC Advances*

22nd August 2024

References

- 1 D. Liu, X. Huo, L. Gao, J. Zhang, H. Ni and L. Cao, NF- κ B and Nrf2 pathways contribute to the protective effect of Licochalcone A on dextran sulphate sodium-induced ulcerative colitis in mice, *Biomed. Pharmacother.*, 2018, **102**, 922–929, DOI: [10.1016/j.biopha.2018.03.130](https://doi.org/10.1016/j.biopha.2018.03.130).

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