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## Retraction: The anti-Alzheimer potential of *Tamarindus indica*: an *in vivo* investigation supported by *in vitro* and *in silico* approaches

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 Retraction of 'The anti-Alzheimer potential of *Tamarindus indica*: an *in vivo* investigation supported by *in vitro* and *in silico* approaches' by Abeer H. Elmaidomy *et al.*, *RSC Adv.*, 2022, 12, 11769–11785, <https://doi.org/10.1039/D2RA01340A>.

The Royal Society of Chemistry hereby wholly retracts this *RSC Advances* article due to concerns with the reliability of the data.

A number of panels in Fig. 2 and 4 contain partially duplicated sections.

In Fig. 2, part of panel d overlaps with panel f. In Fig. 4 part of panel a overlaps with part of d, part of panel c overlaps with part of panel f, and there is partial overlap between panels b, h and i.

The authors have not been able to provide a suitable explanation on how these duplications occurred.

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

This retraction supersedes the information provided in the Expression of concern related to this article.

The authors were informed about the retraction of the article. Usama Ramadan Abdelmohsen, Asmaa I. Owis, Faisal Alsenani, Naglaa Afif, Hanan F. Aly and Abeer H. Elmaidomy have not agreed with the decision, the other authors have not responded.

Signed: Laura Fisher, Executive Editor, *RSC Advances*

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