


Cite this: *RSC Adv.*, 2024, 14, 2340

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

Abeer H. Elmaidomy,^a Usama Ramadan Abdelmohsen,^{*bc} Faisal Alsenani,^d Hanan F. Aly,^e Shams Gamal Eldin Shams,^e Eman A. Younis,^e Kawkab A. Ahmed,^f Ahmed M. Sayed,^g Asmaa I. Owis,^{ah} Naglaa Afifi^a and Dalia El Amir^a

DOI: 10.1039/d4ra90002b

rsc.li/rsc-advances

Expression of concern for '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 is publishing this expression of concern in order to alert readers that concerns have been raised regarding the reliability of the photomicrographs in Fig. 2 and 4. An investigation is underway, and an expression of concern will continue to be associated with the article until a final outcome is reached.

Laura Fisher
4th January 2024
Executive Editor, *RSC Advances*

^aDepartment of Pharmacognosy, Faculty of Pharmacy, Beni-Suef University, Beni-Suef 62514, Egypt

^bDepartment of Pharmacognosy, Faculty of Pharmacy, Minia University, Minia 61519, Egypt. E-mail: usama.ramadan@mu.edu.eg

^cDepartment of Pharmacognosy, Faculty of Pharmacy, Deraya University, 7 Universities Zone, New Minia 61111, Egypt

^dDepartment of Pharmacognosy, Faculty of Pharmacy, Umm Al-Qura University, Makkah 21955, Saudi Arabia

^eTherapeutic Chemistry Department, National Research Centre (NRC), El-Bouth St., P.O. 12622, Cairo, Egypt

^fDepartment of Pathology, Faculty of Veterinary Medicine, Cairo University, Giza, 12211, Egypt

^gDepartment of Pharmacognosy, Faculty of Pharmacy, Nahda University, Beni-Suef, 62513, Egypt

^hDepartment of Pharmacognosy, Faculty of Pharmacy, Heliopolis University for Sustainable Development, Cairo, Egypt

