

CORRECTION

[View Article Online](#)
[View Journal](#) | [View Issue](#)



Cite this: *Food Funct.*, 2024, **15**, 1717

Correction: Mangiferin ameliorates collateral neuropathy in *t*BHP induced apoptotic nephropathy by inflammation mediated kidney to brain crosstalk

Sukanya Saha, Sushweta Mahalanobish, Sayanta Dutta and Parames C. Sil*

DOI: 10.1039/d4fo90005g
rsc.li/food-function

Correction for 'Mangiferin ameliorates collateral neuropathy in *t*BHP induced apoptotic nephropathy by inflammation mediated kidney to brain crosstalk' by Sukanya Saha *et al.*, *Food Funct.*, 2019, **10**, 5981–5999, <https://doi.org/10.1039/C9FO00329K>.

The authors regret that errors were present in Fig. 1 and 5 in the published article. The image panels of the brain histology in control, mangiferin and *t*BHP + mangiferin groups were inappropriate in Fig. 1e. The western blot of p-P38 MAPK was inaccurate in Fig. 5a. The corrected images of Fig. 1 and 5 are shown below.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.



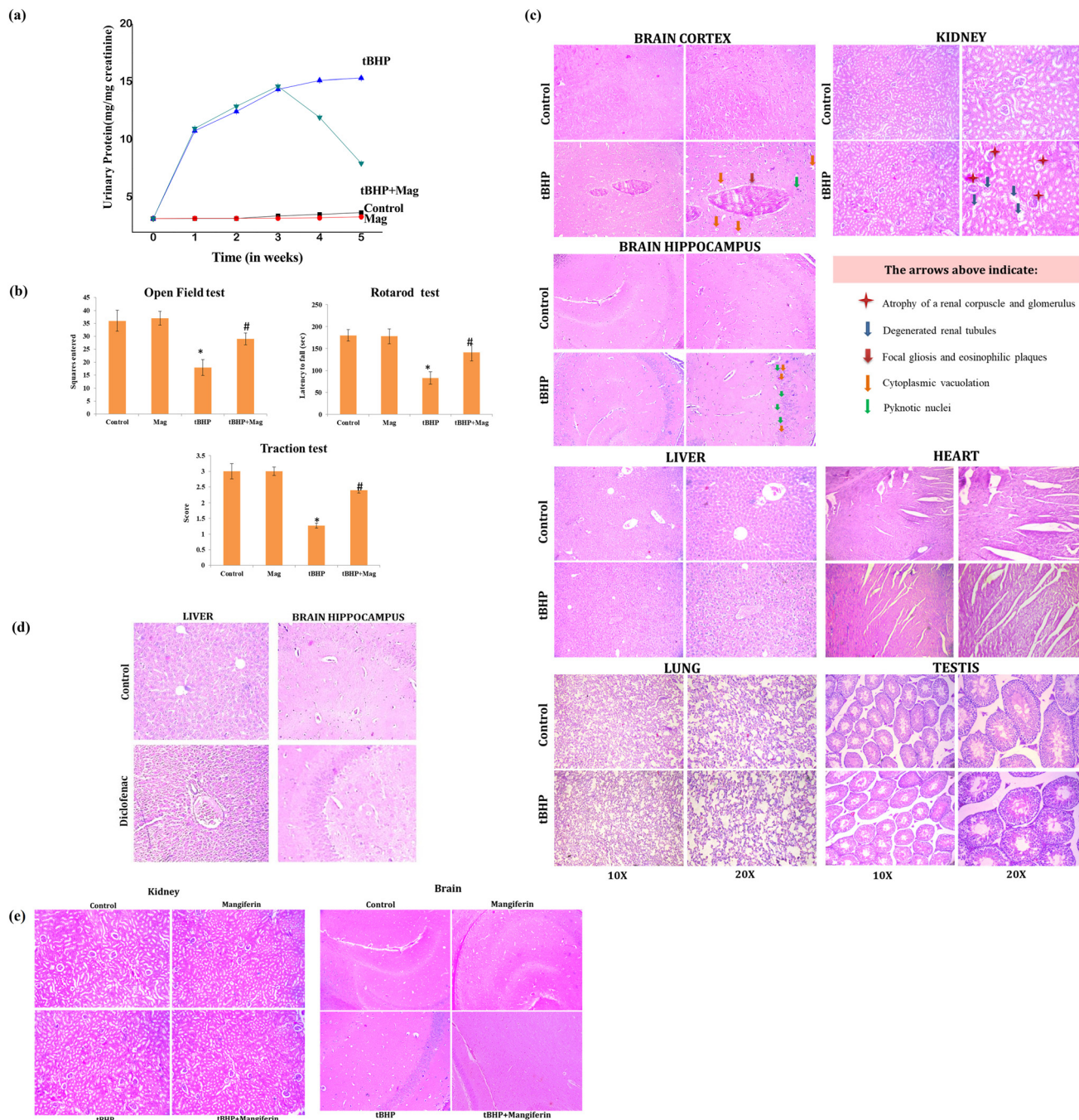


Fig. 1 a. Time-dependent effect of mangiferin and tBHP on the level of proteinuria in control and tBHP-intoxicated mice. b. Determination of different behavioural abnormalities in experimental mice. i. Open-field test, ii. rotarod test and iii. traction test. c. Effect of tBHP on the histopathological alterations in various major organs; brain, kidney, liver, lung, heart and testes of the control and tBHP intoxicated animals at magnifications of 10x and 20x respectively. d. Effect of hepatotoxin diclofenac on morphological alterations in the liver and brain of diclofenac administered animals and their comparison with the control. e. Mangiferin restored morphological anomalies in tBHP induced kidney and brain tissues of experimental animals. Control: control animals; Mag: mangiferin supplemented animals; tBHP: tBHP administered animals; tBHP + Mag: both tBHP and mangiferin administered animals. Each data set represents mean \pm SD, $n = 6$ "*" represents the significant difference between the control and tBHP exposed groups and "#" represents the significant difference between the tBHP exposed and tBHP + Mag administered groups ($p^* < 0.05$, $p\# < 0.05$).



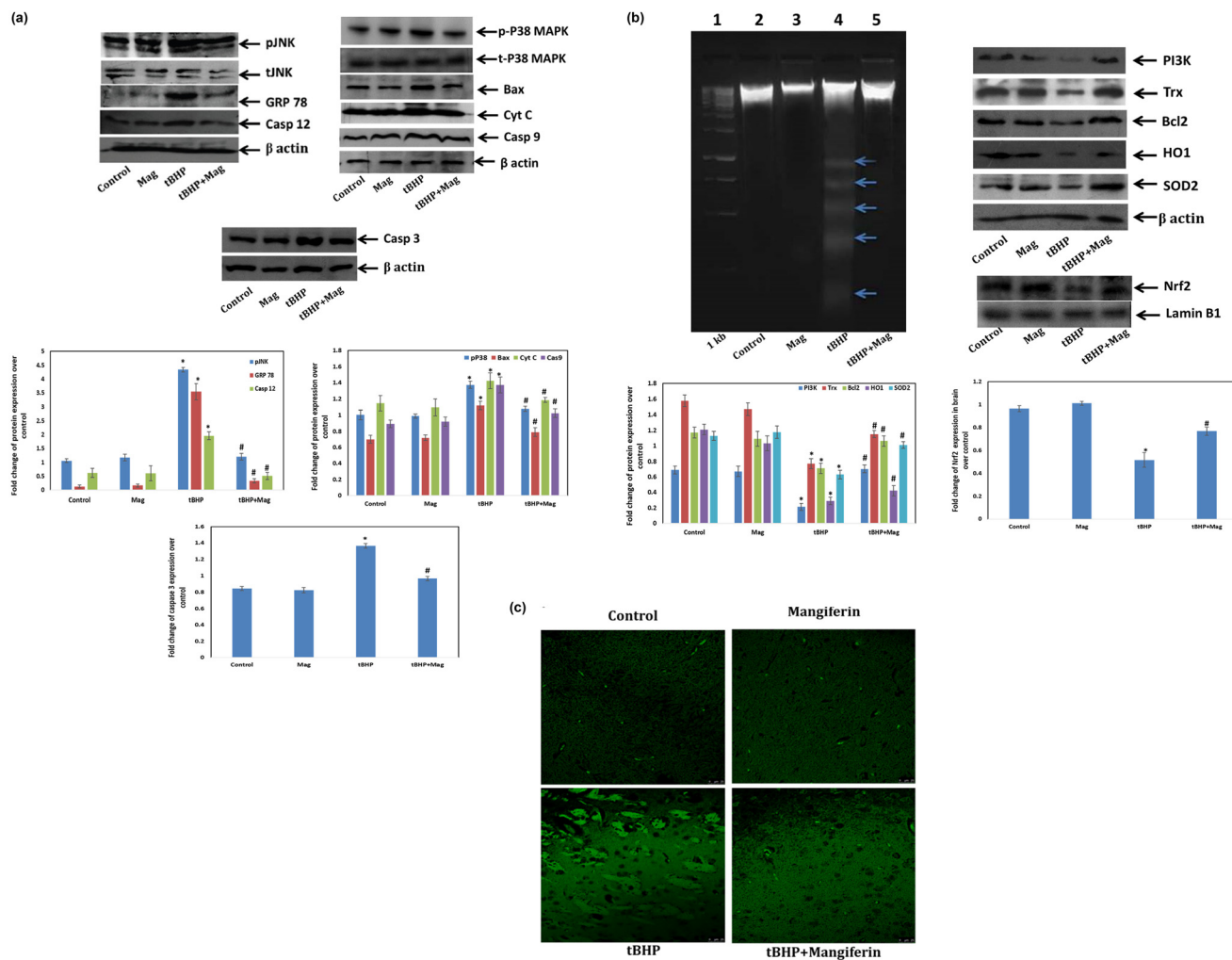


Fig. 5 a. Expression levels of important apoptotic molecules on tBHP and mangiferin administration in the brain along with densitometric analysis. b. DNA fragmentation assay and expression levels of different survival molecules activated by the PI3K/Trx pathway in experimental brains along with densitometric analysis. c. Immunofluorescence of thioredoxin molecules in brain tissues. Control: control animals; Mag: mangiferin supplemented animals; tBHP: tBHP administered animals; tBHP + Mag: both tBHP and mangiferin administered animals. 1. DNA ladder; 2. control animals; 3. mangiferin administered animals; 4. tBHP administered animals; 5. tBHP and mangiferin administered animals. "*" Represents the significant difference between the control and tBHP exposed groups and "#" represents the significant difference between the tBHP exposed and tBHP + Mag administered group ($p^* < 0.05$, $p\# < 0.05$).

