Food & Function

CORRECTION

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

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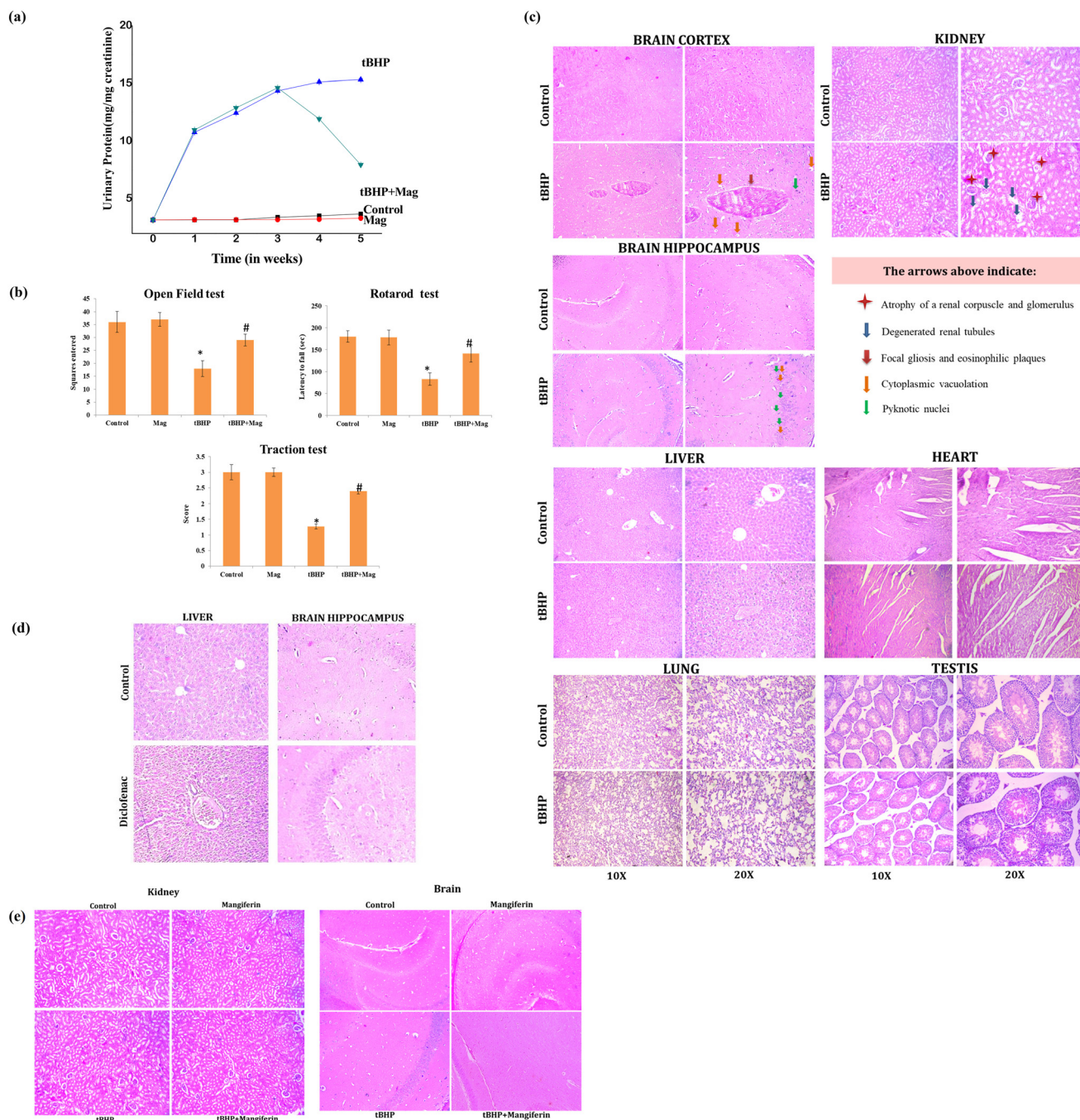Correction for 'Mangiferin ameliorates collateral neuropathy in *t*BHP induced apoptotic nephropathy by inflammation mediated kidney to brain crosstalk' by Sukanya Saha *et al.*, *Food Funct.*, 2019, **10**, 5981–5999, **https://doi.org/10.1039/C9FO00329K**.

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.

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Fig. 1 a. Time-dependent effect of mangiferin and *t*BHP on the level of proteinuria in control and *t*BHP-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 *t*BHP on the histopathological alterations in various major organs; brain, kidney, liver, lung, heart and testes of the control and *t*BHP intoxicated animals at magnifications of 10× and 20× respectively. d. Effect of hepatotoxin diclofenac on morphological alterations of the liver and brain of diclofenac administered animals and their comparison with the control. e. Mangiferin restored morphological anomalies in *t*BHP induced kidney and brain tissues of experimental animals. Control: control animals; Mag: mangiferin supplemented animals; *t*BHP: *t*BHP administered animals; *t*BHP + Mag: both *t*BHP and mangiferin administered animals. Each data set represents mean $\pm$ SD, $n = 6$ "*" represents the significant difference between the control and *t*BHP exposed groups and "#" represents the significant difference between the *t*BHP exposed and *t*BHP + Mag administered groups ($p* < 0.05$, $p\# < 0.05$).
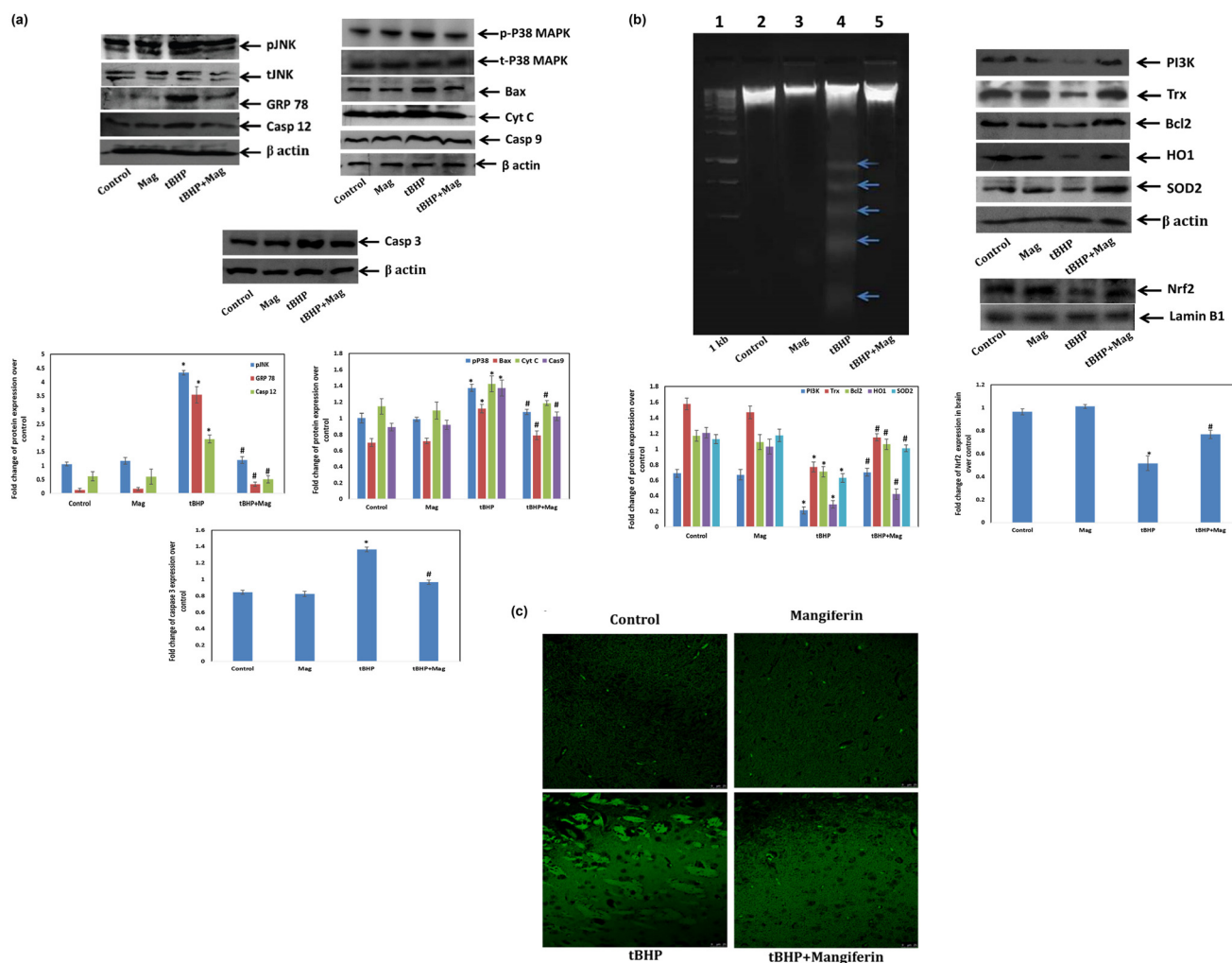
Fig. 5 a. Expression levels of important apoptotic molecules on *t*BHP and mangiferin administration in the brain along with densitometric analysis. b. DNA fragmentation assay and expression levels of different survival molecules activated by the PI3K/Trx pathway in experimental brains along with densitometric analysis. c. Immunofluorescence of thioredoxin molecules in brain tissues. Control: control animals; Mag: mangiferin supplemented animals; *t*BHP: *t*BHP administered animals; *t*BHP + Mag: both *t*BHP and mangiferin administered animals. 1. DNA ladder; 2. control animals; 3. mangiferin administered animals; 4: *t*BHP administered animals; 5: *t*BHP and mangiferin administered animals. "*" Represents the significant difference between the control and *t*BHP exposed groups and "#" represents the significant difference between the *t*BHP exposed and *t*BHP + Mag administered group ($p* < 0.05$, $p\# < 0.05$).