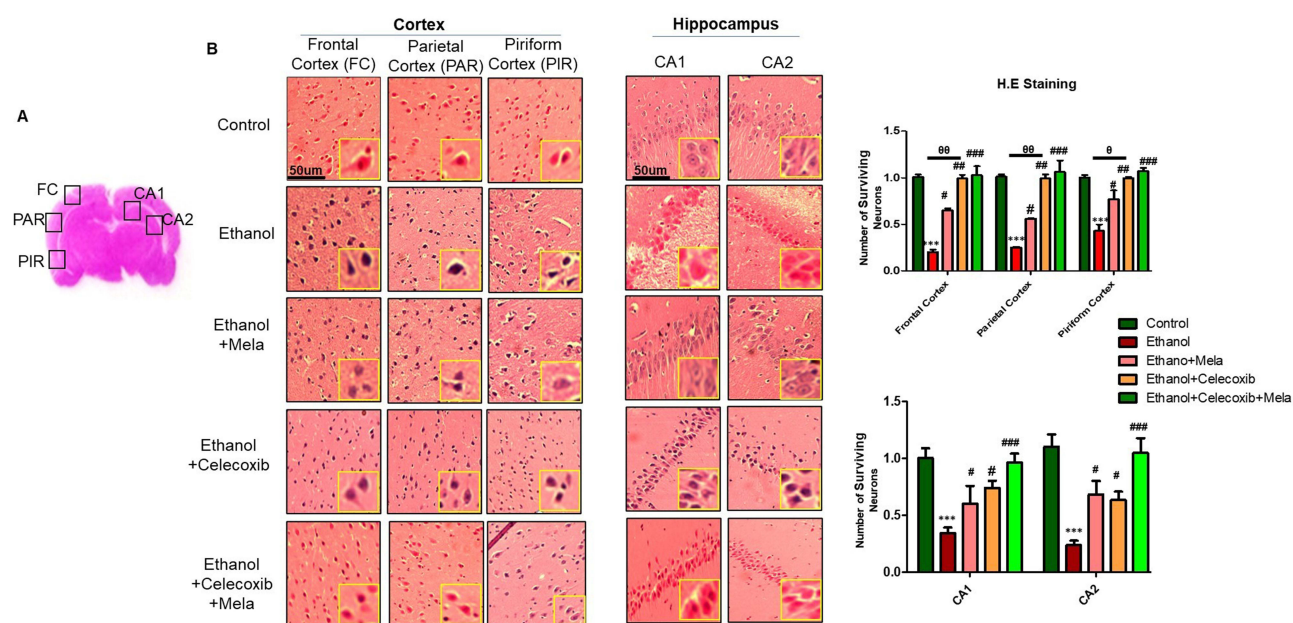


## Neuroprotective Effects of Melatonin and Celecoxib against Ethanol-Induced Neurodegeneration: A Computational and Pharmacological Approach [Corrigendum]

Al Kury LT, Zeb A, Abidin ZU, et al. *Drug Des Devel Ther.* 2019;13:2715–2727.

In the published article, there was an error in Figure 4B on page 2723. The image for Ethanol+celecoxib+mela (Piriform-PIR) was used mistakenly leading to a duplication with the Control (Piriform-PIR) images. A new image for Ethanol+celecoxib+mela (Piriform-PIR) was found from the original data and used as a replacement. The authors apologize for this error and state that this does not change the quality and scientific conclusions of the article.

The correct Figure 4 is as follows.



**Figure 4** Effect of melatonin and celecoxib on neuronal cell death.

**Notes:** (A) Regions of interest analyzed; (B) H&E staining showing the extent of surviving neurons in the cortex and hippocampus. Bar 50  $\mu$ m, magnification 20 $\times$ , n=5/group. Surviving neurons were marked by cytoplasmic swelling, scalloped neurons with intense cytoplasmic eosinophilia, and nuclear basophilia. These changes resulted from neuronal necrosis. Some cells had a shrunken appearance, along with pyknotic nuclei. Intensive neuropil vacuolation can be seen in the ethanol-only group. \*Significant difference relative to control; #Significant difference relative to ethanol group; #Significant difference relative to ethanol + melatonin. Data presented as means  $\pm$  SEM. Data analyzed by one-way ANOVA followed by post hoc Bonferroni multiple comparison using GraphPad Prism 5 software. \*\*\* $P < 0.001$ ; ## $P < 0.05$ ; ### $P < 0.01$ .

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