Reviewer's report

Title: Deltamethrin induced neurotoxicity and its attenuation by vitamin E in rats

Version: 5  Date: 14 October 2014

Reviewer: Ayfer Tozan-Beceren

Reviewer's report:

Major Compulsory Revisions

1. More details are needed for the abstract
2. It would be better to explain the mechanism of neurotoxicity, vitamin E and their relation in introduction instead of conclusion.
3. It would be better to explain DNA damage assay extensively.
4. For the Table of results, statistical comparison between the groups are needed.
5. For better expression of Table 2 (Effect of DM treatment on DNA damage and protective influence of VE supplementation) and Table 3 (Real-time PCR Quantitation of mRNA expression level of CYP2E1, TP53 and COX-2 in brain tissue) values should be given as figures not as tables.
6. There could be more literature in the conclusion for Vitamin E and DM in order to explain their effects on neurotoxicity.
7. The references are not in harmony with the expression rules. They must be corrected before publish.

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests