Reviewer’s report

Title: Evaluation of Neuroprotective and Anti-amnesic Effects of Elaeagnus umbellata Thunb. on Scopolamine-Induced Memory Impairment in Mice

Version: 0 Date: 10 Feb 2020

Reviewer: Doaa Ahmad Ghareeb

Reviewer's report:

The authors tried to prove the effect of Elaeagnus umbellata Thunb extracts and active compounds as anti-amnesic agents through tracking the cholinesterase inhibitory action in vitro and in silico and study their activities in vivo through measure behavior tests. the idea is good but the manuscript is too long and lack some information and experiments.

major comments:

the activity of AchE must be measured in vivo, some oxidative stress markers must be measured too.

Minor comments,

Abstract contains several mistakes.

key words contain words mentioned in title

introduction and discussion are too long and both are descriptive

Methods section must be rewritten as it is written like thesis

the images quality is not good.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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