

Review of: "Targeting Alzheimer's disease hallmarks with the Nrf2 activator Isoeugenol"

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Potential competing interests: No potential competing interests to declare.

My comments on the manuscript entitled "Targeting Alzheimer's disease hallmarks with the Nrf2 activator Isoeugenol" are as follows.

1. The idea of the manuscript is very good; the abstract section should also include limitations of the manuscript (questions left unanswered) along with future prospects.
2. Introduction section is unnecessarily very long; focus on your major objectives and approaches utilized in the study of your manuscript. Novelty should be included in this section with appropriate justification.
3. Similar problems found for method and material section, concise it.
4. Result and discussion should be sequentially discussed, check and remove the repetitions from this section.
5. Lack of coherence found in the discussion part of your manuscript; relate your findings with the already published recent articles.
6. Include limitations and future prospects in the conclusion section of your manuscript.
7. Provide exact p value for all your histogram.
8. Overall writing and presentation is sloppy with major grammatical errors, and substantial revision is needed to improve the manuscript and further clarification is required in some areas.
9. Include some relevant bibliographic studies like PMID: 30605887, PMID: 30503937, PMID: 29988480, PMID: 37489441, and PMID: 37489441 in your manuscript.
10. Provide complete western blot, not the cut one.
11. Improve the resolution and clarity of the entire western blot given in your manuscript.
12. Provide 4x, 10x and other higher magnification image of the histology figures in your manuscript.
13. Scale bar is missing in histology images.
14. A lot of grammatical and punctuation mistakes found in your whole manuscript.

15. Complete editorial checking will be needed for the whole manuscript.
16. Submit English editing certificate along with plagiarism checker with your revised manuscript.