

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.

Dear, Editor in chief

Thank you for your invitation for reviewing this article.

I would like to acknowledge the authors for their hard work and the huge amount of data placed in the paper, however it may be beneficial if the paper separated into two one for the in vitro study and the other for the in vivo study to be easily readable.

The second comment was about the behavioural test protocols, I notice that there is no a reference mentioned for the used protocol. Moreover, the performed protocol of y-maze not reported before to close one arm (it is closely similar for the T-test protocol), as well as it should be repeated in the same day (7-10 trials) and for (3-5 days) to obtain confidential results for your testing.

The normal y-maze protocol depends on spontaneous alternation for the all arms for one time for 8 minutes but without closing arms according to nature protocol.

The topic is very interesting and novel to be accepted for publishing in the journal.

Best regards,