

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.

The manuscript titled; 'Targeting Alzheimer's disease hallmarks with the Nrf2 activator Isoeugenol' is very interesting, however, the following comments should be addressed.

Introduction: The introductory part is superb but too much. I will suggest you summarize the introductory part a little bit.

Materials and methods: Please cite a reference with each of the control drugs with established BBB permeability. Do you have any idea of other models that can be used to obtain the BBB crossing capacity of your drug?

Total cell extracts were obtained by incubated the cells pellet: I will suggest you use incubating

After, samples were centrifuged at 12 000 g for 10 min at 4 °C and the supernatant fraction was collected and stored at -80 °C until use: try and reconstruct this sentence

You measured total RNA concentration using a nanodrop spectrophotometer;;; Why didn't you evaluate rRNA or mRNA integrity with electrophoresis gel

Conclusion and Highlight: I will suggest you highlight/add the hepatotoxic and renal toxicity effect of Isoeugenol in mice models to the conclusion

