

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

Chan Young Shin<sup>1</sup>

<sup>1</sup> Konkuk University

**Potential competing interests:** No potential competing interests to declare.

There are many chemicals of herbal origin that can stimulate the nrf2-keap1 pathways. Isoeugenol's activity on these pathways seems not very impressive, and it would be better to provide more information regarding the relative advantage of using isoeugenol. The concentration used in this study is rather high, and considering the route of administration, it might further limit the practical importance. I also wonder whether the repeated administration of intranasal isoeugenol may induce an allergic or inflammatory response in experimental animals. Some of the Western blot bands and quantification results are not matching closely with each other.