

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

Luca Pangrazzi¹

¹ University of Trento

Potential competing interests: No potential competing interests to declare.

In this elegant study, Silva and colleagues investigated the effect of isoeugenol on Alzheimer's diseases in vitro and in vivo. Although the work is well done, I have the following concerns:

Major concerns

- 11 months does not really represent "old age" in mice but rather "middle-age". Did authors investigate some of the parameters in older mice?
- A comparison with known antioxidants (such as N-acetylcysteine, with proven antioxidant and anti-inflammatory properties) should have been performed as a control at least in vitro.
- In some Figures (for example Figure 8) it is impossible to read the text inside the graphs

Minor points

- Number of mice must be reported in the legends
- Scatter dotplots should be used instead of graphs with bars.