

Review of: "Toxicity of *Olea africana* in *Artemia Salina* and Mice"

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Potential competing interests: No potential competing interests to declare.

General comment:

In this article, the authors investigated the toxicity of the ethanolic extract of *Olea africana* to *Artemia Salina* and Soareci. The topic is interesting and captivating. The manuscript is generally well written, but some adjustments are needed to be published.

Chapter 2.4 needs to be reformulated and adjusted. Animals used in experiments

It is suggested to indicate the line of mice on which the experiments were carried out. It is also suggested to indicate the number of days the animals were habituated before the experiment, the acclimatization conditions, the number of animals housed together and the size of the cage. The way animals were fed, the amount of food administered and the frequency.

What was the length of the light/dark cycle?

2.5. Brine shrimp cytotoxicity assay What was the fifth concentration used? (repeat: 100 µg/mL and 100 µg/mL extract).

2.6. Acute toxicity test in mice and 2.7. Subacute toxicity in mice

Why was a control group with ethanol not used?