

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

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Potential competing interests: No potential competing interests to declare.

Change the title of the manuscript to

evaluated of toxicity of the ethanol extract of Olea africana in mice and brine shrimp (*Artemia salina*)

The intro is very small and needs improvement (add more information about olea africana, and lethal dose.....).

In the sample collection section, please specify which part of the plant was collected (roots, leaves, flowers... etc.).

In the acute toxicity test in rats, please specify the strain of rats used, their age and weight, and is there any difference in the physiology of the female and male morphology?

Why was a control group with ethanol not used?

"Groups 3, 4, and 5 contained 10 µg/mL, 100 µg/mL, and 100 µg/mL of the extract": Same dose is written twice. Whether the authors have repeated the same dose twice, please clarify.

Results: The results are written in a very monotonous way; it should be modified for a better clarity.

Discussion: The results should be discussed with reports from other workers that is mostly lacking. The results section is written as independent statements rather than coherent paragraphs. Results section needs to be re-written to have the right flow.

can you give a rationale to the lack of change in the mean weight of the animals between the treated and the control group?

Expand your discussion to include a detailed explanation of your histopathology results.

Histological studies: The histological pictures provided are very dark and noting could be interpreted from them properly, replace with a brighter image.

Updating the sources and benefiting from recent literature related to the subject of the manuscript

Decision: In my opinion it is a contribution that can be published in Qeios after improvemen

