

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

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Potential competing interests: No potential competing interests to declare.

The authors presents an Acute toxicity assay as a preliminary step in establishing the safety profile of medicinal plant extracts. The literature review, methodology description, and discussion were well done. In the view to improve the paper in "Brine shrimp cytotoxicity assay" they used "groups 3, 4, and 5 contained 10 µg/mL, 100 µg/mL, and 100 µg/mL of the extract", please verify the information about repeated dose of 100 µg/m. In the same assay would be interesting describe the solvent in which the extract was solubilized.

To better understand the toxicity observed in the extract plant, the author should correlate chemical information with biological results. As described previously, the solvent used in the experiment could present toxin effect, therefore the information of solvent composition used to offer the extract to the mice is interesting.