

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

Solomon Agu

Potential competing interests: No potential competing interests to declare.

Reviewers comment

2.2 plant collection

- State which part of the plant that was harvested and who authenticated the plant (the name and the department of the person) and then the Voucher number should be provided

2.3 Sample preparation

- It should be written as 20 kg instead of kgs. Was the harvested samples washed before air drying or it was air dried with the dirt on it?
- Provided the formula used for the calculation of the percentage yield and present your calculation also.

2. 4 Animal used

- State the source of Brime shrimp egges
- Animal procurement was from University of Nairobi which faculty and department?
- What was the period of the acclimatization for the mice

1. 2.6 Acute toxicity study of the named extract~~assay~~ in mice

- Group 1 were administered distilled at what dose
- State what the remaining groups took
- All the animals were observed for 24 hours for what?

2.10 Histopathology

- Labelled bottles should be labelled bottles

Title of table 1

- Name the extract

Foot note of Fig 1.

- The mean weight gain (%) ~~in~~ of the animals in group 1 (repeat this statement where

applicable) did not differ significantly from ~~the mean weight gain (%) in mice given the~~ treatment groups: 100 mg/kg ($p=0.0565$), 300 mg/kg ($p=0.0609$), or 600 mg/kg ($p=0.5334$) doses of the name the extract

Foot note of table 2 and 3

- The footnote should be summarized using the superscripts. They are not well captured
- (Summarized by saying were not significant difference in the Hb, PCV, HCV between the control and the treated groups)

Title of the histology slide

- It should be written as the photomicrographs of mice administered distilled water, 100 mg/kg, 300 mg/kg, and 600 mg/kg of the ethano lextract of *Olea africana* are presented in Figure 3 below.
- Indicate the dye used just as the magnification is captured and repeat the same for the kidney.

The study is so significant to the scientific world and it was well conducted and written too, however, some of the cited references are quite obsolete and it will be good if the author could provide more recent ones

I will strongly recommend this manuscript to be accepted and published in your reputable journal If the author could make these necessary corrections.

Thanks and good luck.