

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

Clement Osei Akoto¹

¹ Kwame Nkrumah University of Science and Technology

Potential competing interests: No potential competing interests to declare.

Date: 10th August, 2023

The Editor

QEIOS

Dear Sir/Madam,

COMMENTS AND RECOMMENDATIONS

The research titled "Toxicity of *Olea africana* in *Artemia salina* and Mice" is tailored to ascertain the acute and sub-acute toxicities. The research contents are well captured but major issues and corrections must be addressed.

I write to recommend the authors of the article to address most of the corrections in the manuscript and the comments, recommendations, and concerns outlined below:

- The authors should italicize all the plant names used in the manuscript.
- The authors should have keen attention to formatting issues, especially spacing. All the spacing errors identified in the manuscript should be corrected.
- The authors should provide standard deviations for all their values in the abstract and the manuscript.
- Section 2.2: The authors should indicate the cardinal points of Samburu, for the collection of the plant sample.
- Section 2.2: The authors should report the voucher specimen number.
- Section 2.3: The authors should report how the leaves were dried.
- Section 2.5: The authors should rephrase the sentence and give meaning to the 5 mL.
- Section 2.5: The authors should check why repeating the same concentration of 100 µg/mL.
- **Section 2.7: The authors should check the number 28 for accuracy. Is it 16 mice, 4 in each cage or otherwise?**
- Section 3: The authors should account for the following:

Table 1:

1. Please provide the units in brackets for Table 1.
2. Provide standard deviations for your LD₅₀ values reported in Table 1.

Table 2:

1. Authors should provide the meaning of the superscripts a, b, c, and d in Table 2.
2. **Please explain why such a large disparity in the deviation for sodium at 600 mg/kg.**
3. **Please explain why there is such a large deviation for the following (ALP and Total bilirubin for control, ALT at 300 mg/kg).**
4. Authors should correct all the spacing errors indicated in the manuscript.

Table 3:

1. **Please explain why there is such a large disparity in the deviation for WBC at 300 mg/kg.**

The authors **MUST** report the **LD₅₀** value for the vincristine used as the control.

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