

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

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Potential competing interests: No potential competing interests to declare.

Toxicity of *Olea africana* in *Artemia salina* and Mice

Reviewer's comments

To the authors:

1. **TITLE:** "Artemia Salina" should be changed to "Artemia salina"
2. **ABSTRACT:** Mean starting weights of the animals used should be specified.
3. LC_{50} and LD_{50} should be written in brackets immediately after their full meanings.
4. **BACKGROUND:** No English/common or local names of the plant were mentioned.
5. **METHODS:** The voucher number of the deposited plant specimen should be stated.
6. Scientific writings do not begin with figures. ".....20 Kgs of air-dried *Olea africana* leaves were weighed....." should be written as ".....*Olea africana* leaves were air-dried for ...days and 20 kg of the air-dried leaves were weighed.....".
7. Again, scientific writings should be specific. "About 0.2 grams of this powder....." should be presented as "A sample (0.2 g) of this powder...". Instead of "1 liter", "1 L" should be written and "24 hours" should be "24 h".
8. Groups 4 and 5 of brine shrimps received same extract concentration?
9. For sub-acute toxicity, 28 mice were distributed into 4 groups of 4 animals each?
10. **RESULTS: Table 1:** ".....mice who received..." should be "....mice which received..."
11. **DISCUSSION:** The discussion section in some areas mentioned previous studies but this is not robust enough as other parameters were not explained in such detail. Previous studies and scientific bases of observations would enrich the discussion section.
12. "There was no significant difference between the mean weight gain of control and treatment group animals suggesting that the extract does not alter metabolism in mice". This statement contradicts results that the extract altered liver enzymes which are involved in metabolic processes.
13. The observations above should be considered and the paper can be revised accordingly.

Thank you for the opportunity.

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