

Review of: "Toxicological evaluation of aqueous extracts of *Clematis hirsuta* and *Rhamnus prinoides*"

Abebaye Leminie¹

¹ Addis Ababa University

Potential competing interests: No potential competing interests to declare.

Title: Toxicological evaluation of aqueous extracts of *Clematis hirsuta* and *Rhamnus prinoides*

Comments

Title

- Make the first letter of important words in the title capital
- The generous name of the plant italicized and the initial capital

Abstract

- Abstract should contain the following sections: objective, methods, results and conclusion,
- The doses and route of administration not mentioned
- Total number of rats used in this study not mentioned

Background

- Ethnopharmacology of these plants in Kenya not well reviewed in the background

Methods section of the article

- The voucher name and number of the specimen missed
- Total number of rats not mentioned under the subheading of 'Experimental Animals', how many groups?
- How many groups of rats used in toxicity test not mentioned
- How food and water consumption was evaluated? Not mentioned in the method section.
- Guideline the Authors used in this study not mentioned
- Amount of blood collected, form where the blood collected, what machine used to analyze hematological and biochemical indices not mentioned

Results

- Figures and tables need to be cited at the end of the text than at the beginning of the text
- For example: Figures 1 A and B compare the mean feed consumption in rats given 2000 mg/kg of *Clematis hirsuta* aqueous leaf extract or *Rhamnus prinoides* aqueous root extract to the mean feed consumption in rats given

only **distilled water**.... Has been already mentioned in the method section and no need to write the above information

Instead

- The mean feed consumption of rats in the *C. hirsuta* treatment group was significantly lower than that of rats in the control group, $p=0.0222$, (**Figure 1A**). The mean feed consumption of rats in the *R. prinoidea* treatment group was significantly lower than that of rats in the control group, $p=0.0014$, (**Figure 1B**). Then the figure need to be placed immediately following this text....and do the same for the rest of figures and tables.
- The significant difference level (^{a,ab}) in the table need to be stated in the table legend.

Discussion

- Shallow: the results in this study are not discussed in detailed

Recommendation

- Some sort of recommendations are required, but I couldn't find in this article

References

- Most of references are outdated, if possible use recent research findings
- It may be depends on the journal guideline, but A DOI, or Digital Object Identifier not included in the references