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

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Potential competing interests: No potential competing interests to declare.

This manuscript has evaluated the acute and sub-acute toxicity of Clematis hirsuta and Rhamnus prinoides in Wistar rats and body weight changes, feed-water consumption, hematological and biochemical indices were used as toxicity indicator for the study.

Introduction: The introduction is well written, the research gap was identified with appropriate justification for the study.

Methodology: The methodology section should be rearranged.

Check 2.6 Acute toxicity, as the total number of female Wistar rats and the number allocated to the groups is discordant. 21 animals and allocated 5 animals per group????

How many groups are they? What is the dose given to each group? What is the administration route?

Also Check 2.7 on Subacute toxicity, If total is 35 animals and 5 animals for each group, does it mean there are seven (7) groups????

It was indicated that doses 25, 75 and 225 mk/kg was administered, that makes it four groups with the control. What doses were given to the other 3 groups?

No Information was given on the outcome measure of the hematological parameters and Biological parameters. These information should be captured in the methodology section

No information was given on the analysis of sample obtained from these experimental animals after the exposure period??

Results: The result presentation is okay

Discussion: The discussion is insufficient and could be improved upon. The core parameters should be discussed as it were presented in the results section. A paragraph should discuss the result on body weight, feed-water consumption; another on hematological parameters and finally biochemical parameters. The discussion should be in relation to existing literature.

References: I am not certain the reference style adopted but there should be consistency and conformity to the journals guideline.