

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.

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

The manuscript deals with the understanding of toxicity, if any of *Clematis hirsuta* and *Rhamnus prinoides* on Wistar rats over a period of 14 days (acute toxicity) and 28 days (sub-acute toxicity). However, the manuscript is not acceptable in the present form due to the following reasons:

1. Section 2.6 and 2.7: It is not clear on what basis the doses were selected for the toxicity test. As per OECD guidelines, LC₅₀ dose is to be known first and then further doses should be selected on that basis for acute and subacute toxicity test. Further, in acute toxicity test, it is mentioned that 'the maximum dose of each extract was 2000mg/kg', exposed to each group'; however, the exact dose is not given. Please clarify and mention the doses exposed properly.
2. The procedure followed for measuring haematological and biochemical parameters should be mentioned briefly in the 'Materials and Method' section.
3. The exact value of LC₅₀ was not mentioned anywhere in the manuscript and whether it was estimated in the same experiment as that of acute toxicity is also not stated.
4. Results: The results are written in a very monotonous way; it should be modified for a better clarity.
5. Discussion: The results should be discussed with reports from other workers that are related to the present work. Nothing is discussed about the haematological and biochemical results obtained.