Reviewer's report

Title: Therapeutic Effects of Hydro-Alcoholic Extract of Achillea Wilhelmsii on Indomethacin-Induced Gastric Ulcer in Rats: A Proteomic and Metabolomic Approach

Version: 2 Date: 12 Jun 2019

Reviewer: Sajjad Ahmad

Reviewer's report:

1. There are several English language grammatical and typographical mistakes which should be rectified.

2. Authority name should be provided with the plant name.

3. The name of plant species should be used as per binomial nomenclature rules.

4. "Single dose of 800 mg/kg were prepared by dissolving the dried extract in distilled water" how was the dissolution carried out as the extract is practically insoluble in distilled water?

5. Why the flowering branches? Why not other parts?

6. How was the plant material dried?

7. What was the grade of ethanol, which was used for soaking?

8. Why was the 50 oC temperature used for maceration?

9. What was the percent yield of extract?

10. Which protocol was following to count the number of ulcer in the stomach, give reference

11. The bibliography should be as per the guidelines of journal

12. Each and every reference in the bibliography should contain volume, issue page number etc for instance see reference No. 4

13. There should be serial dilutions of the extract to be screened rather than a single concentration

14. The dendrogram provided is not clear
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited

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