

Review Form 1.7

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| Journal Name: | Asian Journal of Food Research and Nutrition |
| Manuscript Number: | Ms_AJFRN_100066 |
| Title of the Manuscript: | An Assessment of Potential In Vivo Hepatoprotective Properties of Vitis vinifera in Experimental Rat Model |
| Type of the Article | Original Research Article |

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

<https://journalajfrn.com/index.php/AJFRN/editorial-policy>

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PART 1: Review Comments

| | Reviewer's comment | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|---|--|---|
| <p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p> | <p>1. The manuscript will play an important role in the development of effective phytotherapy for hepatic diseases</p> <p>2. Yes the article title is suitable</p> <p>3. The abstract is comprehensive</p> <p>4. The subsections are accurate</p> <p>5. Manuscript lacks conclusive evidence</p> <p>6. References are sufficient but the methodology portion of the references are not recent.</p> <p>Additional Comments: The type of extract of vitis vinifera to be mentioned in the abstract as well as in the introduction. The author should mention the solvent system utilised for the study and the phytoconstituents which is the focus of the solvent system rather than stating all the constituents present in the plant. In abstract, "a hepato-protective and an antioxidant agent considering p <0.05 in a dose dependent manner" should be rewritten for clarity The part of the plant to be mentioned in the introduction The percentage yield of the crude ethanolic extract to be provided Justification of dose selection of the extract In results and findings, 100 wistar rats are mentioned. In the methodology section, 140 rats are mentioned. Clarify the quantity. In the results section of Body weight, the values of given as mg. The weight of the rat was mentioned as gm. Clarify the body weight if it is mg or g. Units to be mentioned for Table 3. Grouping abbreviation mentioned as VV and later results are mentioning GP. S80 (Silymarin) group have been mentioned as S10. Verify the dose. Units to be mentioned for Table 5. The abstract mentions hepatoprotective activity via anti-oxidant mechanism. But the study does not have analysis of anti-oxidant parameters The discussion does not contain any of the responsible phytoconstituent which may have contributed to the hepatoprotective actions The discussion to be re written with an emphasis on possible mechanism, responsible constituents and interpretation of the findings. The study has been concluded by "in vivo anti-oxidant, anti-inflammatory and hepatoprotective properties" but the study only contains in vivo hepatoprotective screening.</p> | |
| <p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | Nil | |
| <p>Optional/General comments</p> | Nil | |

PART 2:

| | Reviewer's comment | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
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| <p>Are there ethical issues in this manuscript?</p> | <p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p> | |

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Reviewer Details:

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