

Review Form 3

Journal Name:	Journal of Complementary and Alternative Medical Research
Manuscript Number:	Ms_JOCAMR_129133
Title of the Manuscript:	Therapeutic Insights into Mangifera indica: Managing Diabetes and Hyperlipidemia in Alloxan-treated Rats
Type of the Article	Original Research Article

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	<p>There are numerous articles related to Mangnifera indica and its antidiabetic and antihyperlipidemic activity. This article doesnot add much to the scientific community. Lacks enough justification in the literatures.</p> <p>Some of available literatures:</p> <ul style="list-style-type: none"> • Saleem M, et al. Antidiabetic Potential of Mangifera indica L. cv. Anwar Ratol Leaves: Medicinal Application of Food Wastes. Medicina (Kaunas). 2019;55(7):353. • Gururaja GM, et al. Evaluation of Cholesterol-lowering Activity of Standardized Extract of Mangifera indica in Albino Wistar Rats. Pharmacognosy Res. 2017;9(1):21-26. • Villas Boas GR, et al. Aqueous extract from Mangifera indica Linn. (Anacardiaceae) leaves exerts long-term hypoglycemic effect, increases insulin sensitivity and plasma insulin levels on diabetic Wistar rats. PLoS One. 2020;15(1):e0227105. 	
Is the title of the article suitable? (If not please suggest an alternative title)	ok	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Lacks details related to methodology and conclusion. It would be better to add.	
Is the manuscript scientifically, correct? Please write here.	Ok	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Reference are recent but would be better if added more references related to the study and Mangifera. Also, the referencing style needs to be followed and maintain uniformity.	

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<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Good enough.</p>	
<p>Optional/General comments</p>	<ol style="list-style-type: none"> 1. Please check for the treatment specimen column for the groups 8, 9, 10 in the Table1. They look similar to the groups 4, 5 and 6. Rectify else explain. 2. How were the dose fixed for the extracts? 3. In experimental design section "N/A indicates the absence of therapeutic treatment in this group" is mentioned, however N/A is missing in the Table. Rectify. 4. Please specify the rout of administration of the different treatments. 5. The details regarding the treatment duration, the number of days of study as well as the days for sample collection and blood sugar level estimation is missing. Please provide the detailed study plan and the treatment regimen plan. 6. In biological sample collection section fluid is mentioned. Please specify if it is plasma/serum. 7. In estimation of biochemical parameters section modify the sentence "The Humaluzer 3000 was one of many tests administered,". 8. Statistical analysis section: rectify "(p<0.5)." else provide justification. Also mention about the post hoc test applied. 9. Please specify statistical significance was calculated compared to which group in all the section wherever required. 10. Title of table 2 says Lipid profile, however it contains all the parameters including liver and kidney function test. Please rectify providing the different tables as per the parameters. 11. In the Estimation of biochemical parameters section there is mentioning of "We also tested liver and kidney samples for gluconeogenic and glycolytic enzyme activity", however the data and details regarding the same is missing. 12. Kindly provide detailed information in the results section for different parameters using subheadings. 13. Provide detailed explanations for the discussion section. 14. Please use the suitable references for related to Magnifera indica. 15. Follow the journal guidelines for the references and align them correctly. 	

PART 2:

	<p>Reviewer's comment</p>	<p>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>
<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>	

Reviewer Details:

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<p>Department, University & Country</p>	<p>University of Agriculture Faisalabad, Pakistan</p>