

**Review Form 3**

Journal Name:	<a href="#">Journal of Complementary and Alternative Medical Research</a>
Manuscript Number:	Ms_JOCAMR_124477
Title of the Manuscript:	<b>Ameliorative effect of Curcuma longa ethanolic extract on the histology, hepatic glycogen content and some biochemical parameters of the liver in streptozotocin-induced hyperglycemic rats.</b>
Type of the Article	<b>Original Research Article</b>

### Review Form 3

#### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Even though the plant Curcuma longa was already proved for its numerous pharmacological benefits, here the authors were tried to evaluate liver function in STZ induced diabetic rats as the STZ causes liver damage by altering different hepatic parameters. Hence the work is interested.	
Is the title of the article suitable? (If not please suggest an alternative title)	Suitable	
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.	<p>In abstract:</p> <ul style="list-style-type: none"> <li>➤ Group C can mention as standard group and group D as test group as you stated group A and B as normal control and diabetic control groups.</li> <li>➤ Mention route of drug administration. For ex: STZ 65mg/kg/ i.p., Metformin 250mg/kg/i.p and Curcuma longa 500mg/kg/ p.o.</li> <li>➤ No need to mention body weight as (BW), author can remove (BW) in abstract and in complete article.</li> </ul> <p>The last sentence should change as</p> <ul style="list-style-type: none"> <li>➤ Whole blood was collected through cardiac puncture for biochemical analysis.</li> <li>➤ Change conclusion and also include benefits on liver parameters</li> </ul>	
Are subsections and structure of the manuscript appropriate?	YES	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The manuscript scientifically robust and technically good because the authors did some interesting work which is associated with diabetic induced liver damage.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	<ul style="list-style-type: none"> <li>➤ References are sufficient but some of the references mentioned in the content are not matching with that of references numbers Ex: In acute toxicity study ref 41 is not Lorke s method In discussion ref 26 and 56 were not Eru et al and Oku et al.</li> <li>➤ Cross check all the references and ensure no mistakes</li> </ul>	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>➤ Language /English quality good. But there are some repetition of sentences, ensure by crosschecking.</p> <p><b>Correction in Mnuscript:</b></p> <p>➤ <b>Introduction part</b></p> <ul style="list-style-type: none"><li>▪ Minimise reference numbers- 2or 3 ref sufficient for any sentace.</li><li>▪ Repetitions are there in uses of the plant.</li></ul> <p>➤ <b>Material and methods part</b></p> <ul style="list-style-type: none"><li>▪ Author mentioned as leaves extract that has to corrected (not leaves its rhizomes).</li><li>▪ In experimental design also mentioned as leaf extract.</li></ul> <p>➤ <b>In results Figure:</b></p> <ul style="list-style-type: none"><li>▪ The number of animals in each group is 6, but the author mentioned n=4 that has to corrected in all figures.</li><li>▪ In fig 2 mention days number instead of initial and final blood glucose.</li><li>▪ In all fig. Mention group names according to the given treatment (Ex: metformin dose and drug dose).</li></ul>	
<p><b>Optional/General</b> comments</p>		

### 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)
<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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