

## Review Form 1.7

Journal Name:	<a href="#">Journal of Complementary and Alternative Medical Research</a>
Manuscript Number:	<b>Ms_ JOCAMR_98337</b>
Title of the Manuscript:	<b>Synergistic Effects of Aloe barbadensis and Cymbopogon citratus on the Blood Glucose Level of Alloxan–Induced Diabetic Albino Rats</b>
Type of the Article	<b>Original Research Article</b>

### **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://journalijbcr.com/index.php/IJBCRR/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><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</li> <li>2. Is the title of the article suitable? (If not please suggest an alternative title)</li> <li>3. Is the abstract of the article comprehensive?</li> <li>4. Are subsections and structure of the manuscript appropriate?</li> <li>5. Do you think the manuscript is scientifically correct?</li> <li>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</li> </ol> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<ol style="list-style-type: none"> <li>1. Yes.</li> <li>2. The title is too long. Suggestion: Effects of Aloe barbadensis and Cymbopogon citratus on blood glucose in alloxan-induced diabetic albino rats.</li> <li>3. Yes.</li> <li>4. Yes.</li> <li>5. The way the results were presented (without the p values) left doubts.</li> <li>6. Yes, but references Nghonjuyi et al., 2016, Protus et al., 2012, Lorke, 1983 were not cited despite being in the text.</li> </ol> <p><b>Additional comments</b></p> <ul style="list-style-type: none"> <li>- In line 11 of the <b>Introduction</b>, it says: "neuropathy leading to renal failure", but it is nephropathy that causes renal failure.</li> <li>- The second paragraph of the <b>Introduction</b> failed to specify that the treatment refers to type 2 diabetes mellitus.</li> <li>- In line 6 of the third paragraph of the <b>Introduction</b>, the word cells is missing after beta.</li> <li>- In the <b>Lethal dosage test</b> of MATERIALS AND METHOD, it was not clear what the dosages of Aloe vera and Lemon grass in the combined ethanolic extracts. And in the second phase, it is not described whether the ethanolic extracts were combined or isolated (one from Aloe vera and the other from Lemon grass separately).</li> <li>- In the <b>Procurement of Experimental Animals</b>, there is reference to the use of a total of 90 adult albino rats, but in <b>Experimental Design</b>, there is reference to 12 groups with 15 albino rats in each group totalling 180 rats.</li> <li>- In <b>Introduction of alloxan in the experimental animals</b>, I did not understand the statement: "Fifty grams (50g) of Dextrose was dissolved in 1000 ml of clean water and given to the induced animals to prevent hypoglycemia." because if they were inducing diabetes, the rats would have hyperglycemia and not hypoglycemia.</li> <li>- In <b>Treatment and Data collection</b>, the fasting time before the fasting blood glucose collection was not mentioned, as it was performed at 10 am.</li> <li>- In the second line of the <b>Results</b>, it says: "In the first phase, the groups that were administered 10mg/kg, 100mg/kg, 1000mg/kg, and 1600mg/kg body ..." but 1600mg was from the second phase and not from the first phase.</li> <li>- In the caption of <b>table 2</b>, I would like the values of p to be placed, if p&lt;0.05 or p&lt;0.01, etc.</li> </ul> <p>In the results of <b>Table 2</b>, apparently (because I don't have the p values) the rats seemed to have a better controlled blood glucose on the third day (groups C, D, F, G, H, I, and K) which happened on the 12th day for groups C, G, and L. Intriguingly, on the 21st day, groups D, E, F, G, and K had blood glucose lower than 126 mg/dl.</p>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. Is language/English quality of the article suitable for scholarly communications?</li> </ol>	<p>This manuscript needs a few minor corrections, but is completely understandable.</p>	
<p><b>Optional/General</b> comments</p>	<p>References need to be formatted</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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