

Review Form 3

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	Ms_IJTDH_120407
Title of the Manuscript:	COMPARATIVE EVALUATION OF DIABETES COMPLICATION USING LIVER FUNCTION PARAMETERS AS INDICES BETWEEN MALE AND FEMALE ALLOXAN INDUCED DIABETIC RATS.
Type of the Article	Original Article

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PART 1: Review Comments

<u>Compulsory</u> REVISION 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>
<p>Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.</p>	<p>The development of numerous other diabetic complications, including retinopathy, nephropathy, insulin resistance, and endothelial dysfunction, is subsequently accelerated up by chronic hyperglycemia in diabetes hence, it is important to study about these complications and its impact on the LFTs. .It has been observed that alloxan-induced diabetes causes free radical production, which ultimately damages the pancreatic β-cells . Some previous studies have also relied on alloxan to induce diabetes in experimental animals. National Institutes of Health (NIH) has made a new regulation that requires scientists to include both males and females in their study designs, as one of the ways they are trying to address biases and to include sex as a biological variable in preclinical research, hence this research is relevant.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>yes</p>	
<p>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract is comprehensive, No corrections are to be made.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>yes</p>	
<p>Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.</p>	<p>This manuscript is scientifically correct. This manuscript is scientifically robust as more research has to be done in this area. Alloxan-induced diabetes causes free radical production, which ultimately damages the pancreatic β-cells . Some previous studies have also relied on alloxan to induce diabetes in experimental animals. This study showed that moderate histological changes and serum bilirubin in male and female diabetic rats lead to deterioration of liver function.</p>	
<p>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p>	<p>The references are sufficient</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is language/English quality of the article suitable for scholarly communications?</p>	<p>yes</p>	
<p><u>Optional/General</u> comments</p>	<p>Conclusion too short.</p>	

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PART 2:

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

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