

Review Form 3

Journal Name:	Asian Journal of Immunology
Manuscript Number:	Ms_AJI_126504
Title of the Manuscript:	GONADAL HISTO-MORPHOLOGIES AND FERTILITY POTENTIAL IN MALE STZ-INDUCED DIABETIC RATS TREATED WITH CURCUMA LONGA
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>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.</p>	<p>This manuscript reported on the potential anti-diabetic effects of <i>Curcuma longa</i> on STZ induced rats in regulating blood glucose and reducing the impact of DM on male fertility parameters. The objectives of the study is clear. All measured parameters were reported. However, the study has the impression of similar novelty to Belhan, S., Yıldırım, S., Huyut, Z., Özdek, U., Oto, G., & Algül, S. <i>Effects of curcumin on sperm quality, lipid profile, antioxidant activity and histopathological changes in streptozotocin-induced diabetes in rats. Andrologia, 2020; 52(6), e13584. https://doi.org/10.1111/and.13584</i></p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Suggestion for the title of the article: "GONADAL HISTO-MORPHOLOGY AND ENHANCED FERTILITY POTENTIAL OF <i>Curcuma Longa</i> IN MALE STZ-INDUCED DIABETIC RATS"</p>	
<p>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>	<p>The abstract is sufficient. Many figures and tables are presenting the same data set and is therefore redundant. Suggestion to only retain either figure or table, or only one figure as indicated in the manuscript. To delete a redundant paragraph on methodology from the summary subsection of the manuscript.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The manuscript has appropriate subsections and structure.</p>	
<p>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.</p>	<p>The manuscript requires an additional subsection detailing on the method used for histo-morphological analysis. Generally, the manuscript has the main subsections of a good manuscript. However, the discussion section lacks comprehensive analysis of the measured parameters and is presented as an iteration of the research findings with insubstantial comparison between the observed values from the study with previous reports.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =</p>	<p>9 out of 56 references were within 5 years of publication date (2020-2023). The other references ranged between 2002-2018 with the oldest reference from 1967.</p> <ol style="list-style-type: none"> 1. Ikuomola, E. O., Oka, V., Aja, P. M., Felix, U. N., Umar, U. S., Adeniyi, A. I., ... & Okechukwu Paul-Chima, U. (2024). A review of medicinal plants used for the restoration of reproductive functionality following cimetidine-induced reproductive toxicity. <i>RPS Pharmacy and Pharmacology Reports</i>, 3(3), rqa014. https://doi.org/10.1093/rpsppr/rqa014 2. Mohebbati, R., Anaeigoudari, A., & Khazdair, M. R. (2017). The effects of <i>Curcuma longa</i> and curcumin on reproductive systems. <i>Endocrine regulations</i>, 51(4), 220-228. https://doi.org/10.1515/enr-2017-0024 	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The manuscript would benefit from English language review as it contained numerous punctuation errors. The length of the sentences and language style if made shorter and simpler would enhance the content of the write-up.</p>	
<p>Optional/General comments</p>	<p>The manuscript requires correction as stated in the main document to be addressed prior to publication.</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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