

Review Form 1.7

Journal Name:	Asian Journal of Research in Biochemistry
Manuscript Number:	Ms_AJRB_95481
Title of the Manuscript:	EVALUATION OF SOME BIOCHEMICAL EFFECTS OF Hibiscus sabdariffa IN DIABETIC WISTAR RATS
Type of the Article	Original Research Article

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://journalajrb.com/index.php/AJRB/editorial-policy>)

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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. Yes.</p> <p>2. No. BENEFICIAL EFFECTS OF <i>Hibiscus sabdariffa</i> IN DIABETIC WISTAR RATS.</p> <p>3. Yes.</p> <p>4. Yes. However, the phytochemical analysis of the calyx aqueous extract is not detailed in the MATERIALS AND METHODS, as well as in the RESULTS. I also suggest putting the p-values in the tables (in results), the names of the manufacturers of the commercial Labtest Diagnostic kits and of the automatic biochemical analyser (in Materials and Methods - Collection of blood and analysis)</p> <p>5. Yes.</p> <p>6. No. Jamrozik, D.; Borymska, W.; Kaczmarczyk-Zebrowska, I. ' Hibiscus sabdariffa in Diabetes Prevention and Treatment—Does It Work? An Evidence-Based Review. <i>Foods</i> 2022, 11, 2134. https://doi.org/10.3390/foods11142134 A Systematic Review on the Antihyperglycemic Property and Effect of Roselle (<i>Hibiscus sabdariffa</i> Linn.) Fruit Peel Extract in Diabetic Male Rats (<i>Rattus norvegicus</i>) Induced by Streptozotocin DOI: 10.5530/ajbIs.2022.11.41 : Shabalala, S.C.; Johnson, R.; Basson, A.K.; Ziqubu, K.; Hlengwa, N.; Mthembu, S.X.H.; Mabhida, S.E.; Mazibuko-Mbeje, S.E.; Hanser, S.; Cirilli, I.; et al. Detrimental Effects of Lipid Peroxidation in Type 2 Diabetes: Exploring the Neutralizing Influence of Antioxidants. <i>Antioxidants</i> 2022, 11, 2071. https://doi.org/10.3390/antiox11102071 Oxidative stress and inflammatory markers in prediabetes and diabetes. <i>J Physiol Pharmacol</i> 2019 Dec;70(6). doi: 10.26402/jpp.2019.6.01.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	It could be improved.	
<p>Optional/General comments</p>	I suggest that in the Introduction a short review be done on diabetes mellitus, etiologies and types, clinical presentation, epidemiological importance, especially in Nigeria. Then, make a small review on <i>Hibiscus sabdariffa</i> justifying the reason for its study in diabetic Wistar rats. The Discussion can be enriched with the suggested references.	

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>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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