

Review Form 1.6

Journal Name:	Journal of Complementary and Alternative Medical Research
Manuscript Number:	Ms_JOCAMR_87781
Title of the Manuscript:	Toxicity Evaluation of Fruit Rind of Cucumis metuliferus on the Biochemical, Hematological and Histological parameters of Albino 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://www.journaljocamr.com/index.php/JOCAMR/editorial-policy>)

[Review Form 1.6](#)

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)
Compulsory REVISION comments	<p>INTRODUCTION: The introduction should include the following:</p> <ul style="list-style-type: none">Justification for the study with relevant literatureThere should be a connection between the <i>Cucumis metuliferus</i> and the assessed biochemical parameters. It is important to note that this connection is very important with relevant literature as to know what was previously done in this field. <p>METHODS: The methods are adequate and very simplified. However, it is important to include the models of equipment used.</p> <p>Experimental procedures: It is good enough that the doses administered were correctly stated, it is also possible to re-restructure them into a continuous statement. If this is not possible, you can as well decide to use tables for easy understanding and to avoid too many repetitions.</p> <p>Collection of Blood Samples: Mention the name of the heparinized tubes and the specific aliquot used for biochemical and hematological assays. Consider rephrasing the heading “collection of blood sample and histological Examination” because the section does not include histological examination, rather collection of blood and tissue specimens.</p> <p>Analytical Methods: It is important to mention the company names, location, and address of the manufacturers of all commercially available kits.</p> <p>Histological Examination: There was no section for the histological processes, methods and type of staining used. This should be included with specific mention of the staining techniques and methods duly referenced.</p> <p>Statistical Analysis: Please include the company name and address eg (IBM, US) etc.</p> <p>Results: The tables are not coherent and did not use the same pattern, for example. In Table1, the parameters were placed vertically, and the groups were placed horizontally. This was not consistent with other tables. I would suggest the authors to use the format of the table 1 and be consistent with it. The table should also include the F values and p values as well.</p> <p>Acute Oral Toxicity test: There was not table as regards this.</p> <p>Discussion: The discussion was very elaborate and well explained.</p> <p>Conclusion: This is very understandable and coherent.</p> <p>References: Appropriately cited and adequate.</p>	
Minor REVISION comments	<p>TITLE: The rationale behind the title is perfect. However, I would suggest the following “Evaluation of the toxicity effects of <i>Cucumis metuliferus</i> Fruit Rind on the Biochemical, Hematological and Histological parameters of Albino Rats; also italicizing the botanical name.</p> <p>ABSTRACT</p> <p>Background: It is well important to note that background should be included in such structured abstract but at the same time, it should not be too lengthy. The background should be summarized to include the essential elements and the aim or scope of the study/</p> <p>Methods: This is very understandable and precise. However, you may consider rephrasing the sentence and break them appropriately to have a better meaning: You can separate the animal grouping and the administration to provide coherency.</p> <p>Result: The results is very understandable and presented the key results of the study in a concise manner.</p> <p>Conclusion: This is the first-time ethanol extract is mentioned; Consider including in the Introduction or title to be wholly reflective.</p> <p>FINAL COMMENTS:</p> <p>In line with the review and the research justifications of the study, I hereby make the following conclusion.</p> <ol style="list-style-type: none">This study rationale from the beginning of the study to the conclusion is consistentThe research reflected a quality contribution to knowledge and scientific discipline.	

Review Form 1.6

	<div>3. There are minor corrections to be affected.</div> <div>4. I strongly recommend this research article for publication in your journal following the minor corrections I have pointed out.</div>	
Optional/General comments	This study rationale from the beginning of the study to the conclusion is consistent. I strongly recommend this research article for publication in your journal following the minor corrections I have pointed out	

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>	

Reviewer Details:

Name:	Obodo Basil Nnaemeka
Department, University & Country	Ambrose Alli University, Nigeria