

Review Form 3

Journal Name:	Journal of Complementary and Alternative Medical Research
Manuscript Number:	Ms_JOCAMR_125457
Title of the Manuscript:	Subacute toxicity study of Alchornea Cordifolia ethanolic leaf extract on the pituitary gland of Wistar rats.
Type of the Article	Original Research Article

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1.reviewerhub.org/general-editorial-policy/>

Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

Review Form 3

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)
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.	The manuscript is valuable for its assessment of <i>Alchornea cordifolia</i> ethanolic leaf extract's subacute toxicity on the pituitary gland, addressing a significant gap in the safety evaluation of medicinal plants. It provides detailed histopathological analysis, although deeper exploration of mechanistic pathways would enhance its value.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is suitable but could be improved for precision. Suggested alternative: "Histopathological Assessment of Subacute Toxicity of <i>Alchornea Cordifolia</i> Ethanolic Leaf Extract on the Pituitary Gland in Wistar Rats."	
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.	The abstract is comprehensive but could benefit from more quantitative results and clarification on the relevance of findings for future studies.	
Are subsections and structure of the manuscript appropriate?	The manuscript's structure is appropriate, following a logical format.	
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.	The study is scientifically robust, utilizing a solid experimental model and proper histopathological techniques. A deeper discussion of physiological impacts would strengthen it further.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References are mostly sufficient but could include more recent studies on the toxicological effects of medicinal plants on endocrine systems.	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Generally clear, but some sentences could be simplified for improved readability.	
Optional/General comments	The manuscript could discuss the clinical relevance of the findings and compare them with other studies on plant extracts. You may consider the following for additional input for review or discussion: https://doi.org/10.46610/JMPRA.2022.v04i02.003 The Effects of <i>Alchornea laxiflora</i> Leaf Extract on Total- and HDL- Cholesterol Levels in Serum, Liver, and Kidney of Rats (Apata et al., 2023). https://doi.org/10.58489/2836-2322/012 Nephroprotective Effect of Ethanolic Leaf Extract of <i>Clausena anisata</i> Against Chlorpromazine-Induced Nephrotoxicity in Wistar Rats (Apata et al., 2022).	

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

Reviewer Details:

Name:	Ogunbiyi, Oluwagbenga John
Department, University & Country	Air Force Institute of Technology, Nigeria