

Review Form 1.7

Journal Name:	Asian Journal of Research in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_AJRIMPS_116470
Title of the Manuscript:	Antilipidemic and Hepatorenal Effects of Aqueous Extracts of Terminalia catappa on Streptozotocin-induced Diabetic 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.journalajrimps.com/index.php/AJRIMPS/editorial-policy>)

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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> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1.This manuscript holds significance for the scientific community due to its exploration of the antilipidemic and hepatorenal effects of Terminalia catappa in a streptozotocin-induced animal model of diabetes. With diabetes becoming more common worldwide and people looking for new treatments, This research shows that Terminalia catappa could help improve blood fats and organ function, adding to what we know about using plants for diabetes treatment.</p> <p>2.Yes, the title "Antilipidemic and Hepatorenal Effect of Terminalia catappa Root Bark and Flower in STZ-induced Animal Model" is suitable as it accurately reflects the main focus and scope of the study. It effectively communicates the specific effects being investigated (antilipidemic and hepatorenal) and the experimental model used (STZ-induced animal model). An alternative title could be "Exploring the Therapeutic Effects of Terminalia catappa on Diabetes-Related Complications: A Preclinical Study," which offers a slightly broader perspective on the research.</p> <p>3.Yes, the abstract provides a comprehensive summary of the study objectives, methods, key findings, and conclusions. It offers sufficient information for readers to understand the significance and implications of the study. However, there is room for improvement in terms of providing more specific numerical results or effect sizes to enhance the abstract's clarity and impact.</p> <p>4.Yes, the manuscript follows a clear and logical structure with distinct subsections for the introduction, materials and methods, results, and discussion. Each subsection is appropriately detailed and contributes to the overall coherence of the manuscript.</p> <p>5.Based on the information provided in the manuscript, it appears scientifically correct. The methodology is adequately described, the results are presented with relevant statistical analyses, and the discussion is grounded in previous literature. However, a thorough peer review process would further ensure the scientific validity and rigor of the study.</p> <p>6.The references cited in the manuscript are recent and relevant, covering a range of topics related to diabetes, medicinal plants, and biochemical analyses. However, for further depth and context, additional references on the pharmacological properties of Terminalia catappa and its mechanisms of action in diabetes management could be beneficial. For example, studies exploring the phytochemical composition of Terminalia catappa or its effects on insulin sensitivity and pancreatic function could provide valuable insights.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>The writing is clear, concise, and technically accurate. However, there are a few minor grammatical errors and awkward phrasings that could be revised for improved clarity and readability. A thorough proofreading process would ensure the manuscript meets the language standards expected in academic publishing.</p>	
<p>Optional/General comments</p>	<p>N/A</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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