

Review Form 1.7

Journal Name:	Asian Journal of Research in Biochemistry
Manuscript Number:	Ms_AJRB_119630
Title of the Manuscript:	Anti-inflammatory Property of Methanolic Extract of Zanthoxylum leprieurii Guill. & Perr. Root Bark
Type of the 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>)

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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> <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>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p>Optional/General comments</p>	<p>Abstract Clarity: The abstract is clear and summarizes the study well. Suggestions: Consider breaking down long sentences for better readability. For instance, "The study is aimed at evaluating the phytochemical and anti-inflammatory properties of the aqueous methanolic extract of Zanthoxylum leprieurii root bark" could be split into two sentences.</p> <p>Introduction Content: The introduction provides a solid background on inflammation and the relevance of Zanthoxylum leprieurii. Clarity: Some sentences are long and could be broken down for clarity. References: Ensure that all in-text citations are consistent with the reference format. For example, "[1] (Guyton 2006)" should be consistent throughout.</p> <p>Materials and Methods Detail: This section is detailed and methodical. Clarity: Consider using bullet points or numbered lists for step-by-step procedures to improve readability. Consistency: Ensure that all measurements and terms are consistently used (e.g., "root bark" vs. "stem bark").</p> <p>Results Tables and Figures: Ensure that all tables and figures are clearly labeled and referenced in the text.</p>	

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	<p>Clarity: The results are presented clearly, but the inclusion of more graphical data could enhance understanding.</p> <p>Discussion</p> <p>Content: The discussion interprets the results well and links them back to the study's aims. Clarity: Some sections could be more concise. Avoid repetition and ensure each point is directly related to the study findings. References: Ensure all claims are backed by references.</p> <p>Conclusion</p> <p>Clarity: The conclusion is clear and summarizes the key findings effectively. Suggestions: Highlight the practical implications of the findings and suggest specific areas for further research.</p> <p>Grammar and Style</p> <p>Grammar: Generally good, but check for minor errors. For instance, "zanthoxylum leprieurii" should be "Zanthoxylum leprieurii." Style: Maintain a formal academic tone throughout. Avoid contractions and ensure all scientific names are italicized (e.g., <i>Zanthoxylum leprieurii</i>).</p> <p>Overall</p> <p>Structure: The structure is logical and follows a standard scientific paper format. Clarity: Improve readability by breaking down complex sentences and using bullet points or lists where appropriate. Detail: Ensure all sections are sufficiently detailed and any abbreviations are defined when first used.</p> <p>Here are some specific edits and suggestions:</p> <p>1. Abstract: "The study is aimed at evaluating..." could be split into two sentences. "The percentage inhibition of paw edema by 200 mg/kg and 400 mg/kg was 14.8% 26.5% and 46.3% 70.3% at the 3rd and 4th hours respectively." this could be clearer if broken down.</p> <p>2. Introduction: Sentence restructuring for clarity: "Inflammation is the body's response to disturbed normal homeostasis caused by various stimuli, including bacteria, fungi, viruses, parasites, protozoa, immunological injury, trauma, heat, cold, toxins, or poison, and irradiation."</p> <p>3. Methods: Use subheadings for different sections (e.g., Plant Material, Preparation and Extraction, Experimental Animal). Include details like temperature and duration in a consistent format.</p> <p>4. Results: Ensure tables have clear headings and are referenced in the text. Use consistent terms for measurements and dosages.</p> <p>5. Discussion: Avoid repeating information already mentioned in the results unless necessary for interpretation. Clearly state how the findings compare with existing literature.</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>	

Reviewer Details:

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