

**Review Form 3**

Journal Name:	<b>South Asian Research Journal of Natural Products</b>
Manuscript Number:	<b>Ms_SARJNP_122775</b>
Title of the Manuscript:	<b>Bioactive Constituents and Assessment of the Antioxidant and Anti-Inflammatory Efficacies of Spondias mombin Leaves</b>
Type of the Article	<b>Original Research Article</b>

## Review Form 3

### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> (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 scientifically appropriate and in order It answers questions bothering on the therapeutic application of the leaves of <i>Spondias mombin</i> It is detailed and met all Setout objectives	
Is the title of the article suitable? (If not please suggest an alternative title)	Article title should provide sufficient information on the nature of intervention given.  Suggested title: <b>Bioactive Constituents and Assessment of the Antioxidant and Anti-Inflammatory Efficacies of n-hexane and methanol leaf extracts of <i>Spondias mombin</i></b>	
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.	(1) Abstract is comprehensive and readable (2) Candidate needs to peruse the general guideline for authors for proper alignment and placement (3) Structured abstract is recommended	
Are subsections and structure of the manuscript appropriate?	(1) Not sufficiently appropriate (2) Overall formatting of the manuscript required for proper alignment with the authors' guidelines (3) Inclusion of the herbarium number assigned to the specimen (plant) upon identification by the University botanist would add more scientific validity, credibility and sway. (4) How were the extracts preserved prior administration? (5) The entire length of the manuscript is over 7000 words. Certain parts of the manuscript, especially the evaluation procedures, can be summarised for clarity and word count reduction. (6) Results and description of results can be separated from the discussion of results for easy assimilation, understanding and flow. (7) Identified bioactive compounds on tables 2 and 3 and other applicable tables should be arranged in order of percentage abundance: i.e. the most abundant compound (s) comes first followed by the second most abundant and so on... (8) Information on animal acquisition, handling and gender of animals used for the study should be included (9) Very importantly, information on ethical review application and approval should be included. Either University ethics committee approval (local), national or international (10) Targeted hypothesis should be included in the concluding part of the introduction.	
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 manuscript is scientifically and technically correct All applicable procedures followed known acceptable scientific methods and standards It conforms with some previous studies published in this area of research	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :-	References are not sufficient.  Suggested addition: (1) Saronee F, Amah-Tariah FS, Chinko BC and Dapper DV. GC-MS and proximate analysis of the hydromethanol extract of <i>Craterispermum schweinfurthi</i> leaves. South Asian Res. J. Nat. Prod. 2023; 6(2):101-109.  (2) Saronee, F., Bekinbo, M. T., Ojeka, S. O., & Dapper, D. V. (2019). Comparative assessment of methanolic extracts of hog plum ( <i>spondias mombin</i> linn.) leaves and turmeric ( <i>Curcuma longa</i> L.) rhizomes on blood glucose and glycosylated haemoglobin	

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	<p>in male wistar rats. <i>Journal of Applied Sciences and Environmental Management</i>, 23(9), 1631-1636.</p> <p>(3) Saronee Friday, Sunday O. Ojeka, Okekem Amadi, Ogadinma N. Ilochi and Datonye V. Dapper. (2020). Comparative Study of the Effects of Methanolic Extracts of Spondias mombin Leaves and Curcuma longa Rhizomes on Serum Lipid Profile and Electrolytes in Alloxan Induced Diabetes in Male Wistar Rats. <i>Asian Journal of Advanced Research and Reports</i>. 8(3): 1-9.</p> <p>References need to be formatted alongside the guideline for authors</p>	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Largely appropriate	
Optional/General comments		

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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:**

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