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| Journal Name: | [**Asian Journal of Medical Principles and Clinical Practice**](https://journalajmpcp.com/index.php/AJMPCP) |
| Manuscript Number: | **Ms\_AJMPCP\_138003** |
| Title of the Manuscript: | **Evaluation of Bioactive Compounds and Anti-Hyperlipidemic Potential of Hog Plum (Spondias mombin) with Implications for Functional Food Development** |
| Type of the Article |  |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (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. A minimum of 3-4 sentences may be required for this part.** | **This manuscript is very importance.** | Reviewers comment well appreciated |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** | Reviewers comment well appreciated |
| 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. | **Please rewrite abstract according to the following subheadings;**  **Aim:**  **Methods:**  **Results Conclusion** | Correction well taken |
| Is the manuscript scientifically, correct? Please write here. | Yes | Reviewers comment well appreciated |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | No. Please add the following references  Agada SA , Oyigeya FO , Onoja BA , Kasar A , Odama RI , Itodo SO and Dennis A . Evaluation of the hypoglycemic effect of Vernonia amygdalina leaf extract and metformin on the lipid profile of alloxan-induced diabetic wistar rats. Series Endo Diab Met. 2025;7(1):1-16.  Dennis Amaechi, Ameh Enyojo Mary, Ini Patrick Ekpe, Yisa Nma Benjamin, Sunday Kaura,Christy Chinyere Fredrick and Nnolim Lucia Chidinma. Hypolipidaemic Effects of Ethanol Leaf Extract of Eucalyptus camadulensis in Wistar Rats. Asian J. Biol. Sci., 17 (4): 846-851, 2024.https://doi.org/10.3923/ajbs.2024.846.851  **Dennis Amaechi**, I.P Ekpe, B.N. Yisa, and T. F. Adamgbe . Phytochemical Profiling (GCMS) of the leaf extract of *mangifera indica* and its Hypolipidemic Effect on Serum Lipid profile in Streptozotocin induced diabetic Wistar rats. Asian Sci. Bull., 2 (1): 17-23, 2024. https://doi.org/10.3923/asb.2024.17.23  Dennis Amaechi , B. N. Yisa, I. P. Ekpe, P. I. Nwawuba and AlacksRabbi.Phytochemical Screening, Anti-obesity and Hepatoprotective Activities of Ethanol Leaf Extract of Jatrophatanjorensis in Wistar Rats. Asian Journal of Applied Chemistry Research. 2022; 12(4)20-26.  **Dennis Amaechi**, G.S Ntia, I.P. Ekpe and B.N. Yisa. The Effects of aqueous extract of Tamarindusindica on Body weight and liver enzymes of Wistar rats. Journal of Agricultural and Food Chemical Engineering 2(1): 19-22, 2022.  I.P. Ekpe, **Dennis Amaechi**, B.N. Yisa and O.G. Osarhiemen.Evaluation of the Effects of Aqueous Fruit Extract of Tamarindusindica on Body Weight, Lipid Profile, Some Electrolytes and Urea of Wistar Rats. Journal of Pharmaceutical research International. 2021; 33(59A):444-451  I.P.Ekpe, D.A. Apata, **Dennis Amaechi**. The effects of methanol leaf extract of Corchorusolitorius on the liver function and lipid profile of albino Wistar rat. European Journal of Pharmaceutical and Medical Research. 2021; 8(11)13-19. | Reviewers comment well appreciated |
| Is the language/English quality of the article suitable for scholarly communications? | Yes | Reviewers comment well appreciated |
| Optional/General comments | **Please cite serially according to journal guidelines. Eg [1], [2] etc**  **Please tabulate your experimental design.**  **What is the plant voucher number?** | Reviewers comment well appreciated |

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| **PART 2:** | | |
|  | Reviewer’s comment | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)* | All authors hereby declare that “Principles of laboratory animal care” (NIH publication No. 85-23, revised 1985) were followed, as well as specific national laws where applicable. All experiments have been examined and approved by the appropriate ethics committee. |