

## Review Form 1.7

Journal Name:	<b>Asian Journal of Medicine and Health</b>
Manuscript Number:	<b>Ms_AJMAH_100795</b>
Title of the Manuscript:	<b>Histo-Architectural and Testicular Weight Changes in Wistar Rats Fed with Graded Doses of Piliostigma thonningii (Schumach)</b>
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://www.journalajmah.com/index.php/AJMAH/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><b>Compulsory REVISION comments</b></p> <ol style="list-style-type: none"> <li><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>Is the abstract of the article comprehensive?</b></li> <li><b>Are subsections and structure of the manuscript appropriate?</b></li> <li><b>Do you think the manuscript is scientifically correct?</b></li> <li><b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>The paper titled “Histo-Architectural and Testicular Weight Changes in Wistar Rats Fed with Graded Doses of Piliostigma thonningii (Schumach)”</p> <p>Appropriately titled the manuscript.</p> <p>Well developed the abstract</p> <p>All subsections aligned with the manuscript title and objectives.</p> <p>This manuscript was scientifically correct.</p> <p>Most of the references were before 2010 and 2015. Need to update the recent 5 years.</p> <p>In the conclusion section, need to mention the future study direction/ideas.</p> <p>Should incorporate suggested references:</p> <p><b>Need to replace reference 1, need to add the following reference</b> Subramaniyan V, Kayarohanam S, Kumarasamy V. Impact of herbal drugs and its clinical application. Int J Pharm Res. 2019.</p> <p><b>Need to replace reference 2, need to add the following reference</b> Venkateshan S, Subramaniyan V, Chinnasamy V, Chandiran S. Anti-oxidant and anti-hyperlipidemic activity of <i>Hemidesmus indicus</i> in rats fed with high-fat diet. Avicenna J Phytomed. 2016;6(5):516-525.</p> <p><b>Need to replace reference 3, need to add the following reference</b> Chinnasamy V, Subramaniyan V, Chandiran S, Kayarohanam S, Kanniyar DC, Velaga VSSR, Muhammad S. Antiarthritic Activity of <i>Achyranthes Aspera</i> on Formaldehyde - Induced Arthritis in Rats. Open Access Maced J Med Sci. 2019;7(17):2709-2714. doi: 10.3889/oamjms.2019.559.</p> <p><b>Need to replace reference 4, need to add the following reference</b> Subramaniyan V, Shaik S, Bag A, Manavalan G, Chandiran S. Potential action of Rumex vesicarius (L.) against potassium dichromate and gentamicin induced nephrotoxicity in experimental rats. Pak J Pharm Sci. 2018;31(2):509-516.</p> <p><b>Need to replace reference 5, need to add the following reference</b> Kayarohanam S, Subramaniyan V, Janakiraman AK, Kumar SJ. Antioxidant, antidiabetic, and antihyperlipidemic activities of dolichandrone atrovirens in albino Wistar rats. Research Journal of Pharmacy and Technology. 2019;12(7):3511-6.</p> <p><b>Need to replace reference 6, need to add the following reference</b> Sharma VK, Sharma PP, Mazumder B, Bhatnagar A, Subramaniyan V, Fuloria S, Fuloria NK. Mucoadhesive microspheres of glutaraldehyde crosslinked mucilage of Isabgol husk for sustained release of gliclazide. Journal of Biomaterials Science, Polymer Edition. 2021;32(11):1420-49.</p> <p><b>Need to replace reference 7, need to add the following reference</b> Bajaj S, Fuloria S, Subramaniyan V, Meenakshi DU, Wakode S, Kaur A, Bansal H, Manchanda S, Kumar S, Fuloria NK. Chemical Characterization and Anti-Inflammatory Activity of</p>	

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	<p>Phytoconstituents from <i>Swertia alata</i>. <i>Plants</i>. 2021;10(6):1109.</p> <p><b>Need to replace reference 8, need to add the following reference</b> Sharma PK, Fuloria S, Alam S, Sri MV, Singh A, Sharma VK, Kumar N, Subramaniyan V, Fuloria NK. Chemical composition and antimicrobial activity of oleoresin of <i>Capsicum annuum</i> fruits. <i>Mindanao Journal of Science and Technology</i>. 2021;19(1).</p> <p><b>Need to replace reference 9, need to add the following reference</b> Subramaniyan V, Paramasivam VE. Potential anti-inflammatory activity of <i>Plumbago zeylanica</i>. <i>Asian J Pharm Clin Res</i>. 2017;10(10):372-5.</p> <p><b>Need to replace reference 10, need to add the following reference</b> Akhlaq M, Azad AK, Fuloria S, Meenakshi DU, Raza S, Safdar M, Nawaz A, Subramaniyan V, Sekar M, Sathasivam KV, Wu YS. Fabrication of tizanidine loaded patches using flaxseed oil and coriander oil as a penetration enhancer for transdermal delivery. <i>Polymers</i>. 2021;13(23):4217.</p> <p><b>Need to replace reference 18, need to add the following reference</b> 18.Fuloria S, Mehta J, Chandel A, Sekar M, Rani NNIM, Begum MY, Subramaniyan V, Chidambaram K, Thangavelu L, Nordin R, Wu YS, Sathasivam KV, Lum PT, Meenakshi DU, Kumarasamy V, Azad AK, Fuloria NK. A Comprehensive Review on the Therapeutic Potential of <i>Curcuma longa</i> Linn. in Relation to its Major Active Constituent Curcumin. <i>Front Pharmacol</i>. 2022;13:820806. doi: 10.3389/fphar.2022.820806.</p> <p><b>Need to replace reference 19, need to add the following reference</b> 19.Fuloria S, Mehta J, Chandel A, Sekar M, Rani NNIM, Begum MY, Subramaniyan V, Chidambaram K, Thangavelu L, Nordin R, Wu YS, Sathasivam KV, Lum PT, Meenakshi DU, Kumarasamy V, Azad AK, Fuloria NK. A Comprehensive Review on the Therapeutic Potential of <i>Curcuma longa</i> Linn. in Relation to its Major Active Constituent Curcumin. <i>Front Pharmacol</i>. 2022;13:820806. doi: 10.3389/fphar.2022.820806.</p> <p><b>Need to replace reference 21, need to add the following reference</b> 21. Sekar M, Jeyabalan D, Bala L, Subramanian K, Jabaris SL, Wong LS, Subramaniyan V, Chidambaram K, Gan SH, Izzati NN, Begum MY. Neuropharmacological evaluation of <i>Morinda citrifolia</i> Linn fruits extract in animal models of obsessive-compulsive disorder. <i>Frontiers in Pharmacology</i>. 2022:3780.</p> <p><b>Need to replace reference 22, need to add the following reference</b> 22.Zahoor I, Singh S, Behl T, Sharma N, Naved T, Subramaniyan V, Fuloria S, Fuloria NK, Bhatia S, Al-Harrasi A, Aleya L. Emergence of microneedles as a potential therapeutics in diabetes mellitus. <i>Environmental Science and Pollution Research</i>. 2021:1-21.</p> <p><b>Need to replace reference 25, need to add the following reference</b> 25.Rohilla S, Singh M, Priya S, Almalki WH, Haniffa SM, Subramaniyan V, Fuloria S, Fuloria NK, Sekar M, Singh SK, Jha NK. Exploring the Mechanical Perspective of a New Anti-Tumor Agent: Melatonin. <i>Journal of Environmental Pathology, Toxicology and Oncology</i>. 2023;42(1).</p> <p><b>Need to replace reference 27, need to add the following reference</b> 27.Subramaniyan V. Therapeutic importance of castor seed oil. In <i>Nuts and Seeds in Health and Disease Prevention 2020</i> (pp. 485-495). Academic Press.</p> <p><b>Need to replace reference 28, need to add the following reference</b> 28. Bhat AA, Thapa R, Goyal A, Subramaniyan V, Kumar D, Gupta S, Singh SK, Dua K, Gupta G. Curcumin-based nanoformulations as an emerging therapeutic strategy for inflammatory lung diseases. <i>Future Medicinal Chemistry</i>. 2023.</p>	
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<b>Minor</b> REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	Language is acceptable.	
<b>Optional/General</b> comments	Nil After revision, this paper can be accepted in the Journal of Asian Journal of Medicine and Health	

**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:**

Name:	<b>Vetriselvan Subramaniyan</b>
Department, University & Country	<b>School of Medicine, Monash University, Malaysia</b>