



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">Asian Journal of Research in Medical and Pharmaceutical Sciences</a>   |
| Manuscript Number:       | <b>Ms_AJRIMPS_43112</b>  |
| Title of the Manuscript: | <b>Evaluation of Oxidative Stress Status in Testosterone and Estradiol Induced Benign Prostatic Hyperplasia in Wistar Rats</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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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) |
|-------------------------------------|--|---|
| <b>Compulsory</b> REVISION comments | <p>The authors have overlooked some of the very important references similar to their lines of work. I would suggest the authors to include a separate para in introduction stating the previous studies done on phytoconstituents and herbals in this area. Some of the references to be included in this context are as follows:</p> <p>Evaluation of 5<math>\alpha</math>-reductase inhibitory activity of certain herbs useful as antiandrogens. <i>Andrologia</i>, 46: 592-601.</p> <p>Ameliorative effects of Stinging Nettle (<i>Urtica dioica</i>) on testosterone induced prostatic hyperplasia in rats. <i>Andrologia</i>, 44 Suppl 1: 396-409.</p> <p><i>Ganoderma lucidum</i> is an inhibitor of testosterone induced prostatic hyperplasia in rats. <i>Andrologia</i>, 44 Suppl 1: 160-174.</p> <p>Protective effects of <i>Echinops echinatus</i> on testosterone-induced prostatic hyperplasia in rats. <i>European Journal of Integrative Medicine</i>, 4: e177-e185.</p> <p><i>Sphaeranthus indicus</i> attenuates testosterone induced prostatic hyperplasia in albino rats. <i>Phytotherapy Research</i>, 25: 1839-1848.</p> <p>Effect of <i>Benincasa hispida</i> fruits on testosterone induced prostatic hypertrophy in albino rats. <i>Current Therapeutic Research- Clinical and Experimental</i>. 71 (5), 331-343</p> <p>Incorporation of above section with relevant references will help readers reach out to other aspects/mechanism of management of this disease. This will make the manuscript more informative for the readers and improve the quality in terms of content and literature.</p> <p>Section 2.1 Provide the voucher specimen number or plant identification number which has been listed at the Department of Biological Sciences, University of Calabar.</p> <p>Section 2.3<br/>Line 90. Use a degree sign instead of a superscripted zero.</p> <p>The protocol approval number from the animal ethical committee should be mentioned in the manuscript.</p> <p>The animal groupings and treatments need to be mentioned more clearly. I would ask the authors to include a tabular representation in this section indicating the specific treatment on specific days of experiment.</p> <p>There is no mention of the effect of the treatment on the body and prostatic weights of the animals of the study which is a must to confirm the induction of BPH in the animals. Authors are advised to calculate the prostate/body weight ratio P/BW ratio. Authors can follow the above mentioned references (suggested for inclusion in the introduction) for details of the P/BW ratio and how it is very useful and uniform parameter for such studies on BPH. Include all these data in a tabular form for a better understanding of the readers.</p> <p>Provided the above mentioned changes/ modifications are done in the revised manuscript, the manuscript can be reconsidered after a serious major revision.</p> |   |
| <b>Minor</b> REVISION comments      | NIL  |   |
| <b>Optional/General</b> comments    | NIL  |   |

**Reviewer Details:**

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|----------------------------------|---|
| Name:                            | <b>Alok Nahata</b>  |
| Department, University & Country | <b>Ying Zhi Agricultural and Industries Sdn Bhd, Malaysia</b> |