

Review Form 3

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| Journal Name: | Journal of Advances in Biology & Biotechnology |
| Manuscript Number: | Ms_JABB_121928 |
| Title of the Manuscript: | Recent Developments in Endocrinology of Silkworm, Bombyx Mori L. |
| Type of the Article | Review Article |

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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Important Policies Regarding Peer Review

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PART 1: Review Comments

| Compulsory REVISION comments | Reviewer's comment | Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|---|---|--|
| <p>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.</p> | <p>I think the review article is very interesting. The endocrine hormones are useful in silkworm farming (rearing) and they can promote the silkworm growth and increasing the silk yield. However, the manuscript should be rewrite and correct carefully. For example, the references are quite old. There are no references in the Figure1, 4,5, moreover, all picture should be described, not only the topic of the pictures.</p> | |
| <p>Is the title of the article suitable? (If not please suggest an alternative title)</p> | <p>The word ' Bombyx Mori' the correct scientific name is <i>Bombyx mori</i></p> <p>It can be ' Utilization of endocrine hormone in silkworm rearing' or Application of endocrine hormone for silkworm, Bombyx mori growth and increasing silk'</p> <p>In the title is ' endocrinology of <i>Bombyx mori</i> L. Author(s) also mentioned ' hormone from plants such as phytoecdysteroids. Therefore I think both the title and the abstract should be adjusted or modified</p> | |
| <p>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.</p> | <p>Mulberry silkworm, <i>Bombyx mori</i> has..... (addition) <i>Bombyx mori</i></p> | |
| <p>Are subsections and structure of the manuscript appropriate?</p> | <p>No, they are not</p> | |
| <p>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.</p> | <p>-</p> | |
| <p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>-</p> | <p>No, they are not. The references are old and some are missing such as in Table 1. (only in text citation but not in reference part (end text citation)</p> <p>Suggestion references (for example);</p> <ol style="list-style-type: none"> 1. Asif Rafiq Rather, Nisar A Ganie, KA Dar, Farhat Iqbal Qadir, Munazah Yaqoob, SA Mir and Imtiyaz Murtaz. 2023. Response of silkworm (<i>Bombyx mori</i> L.) hybrid (CSR2xCSR4) to topical application of juvenile hormone analogue (Methoprene). The Pharma Innovation Journal 2023; 12(9): 613-615 2. Su Z, Zhao C, Huang X, Lv J, Zhao Z, Zheng K, Sun X, Qin S, Wang X, Jin BR, Wu Y. <i>Bombyx mori</i> Ecdysone Receptor B1 May Inhibit BmNPV Infection by Triggering Apoptosis. Insects. 2023 May 31;14(6):505. doi: 10.3390/insects14060505. PMID: 37367321; PMCID: PMC10299522. 3. Hao Cheng ¹, Yanyan Wang ¹, Meiling Chang, Kun Zhang, Zhiyan Cai, Yuxin Qian, Dandan Li. 2022. Sperm maturation screening and the effect of ecdysone on sperm development of silkworm, <i>Bombyx mori</i>. Journal of Asia-Pacific Entomology. 25 ; https://doi.org/10.1016/j.aspen.2022.101916 | |

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| Minor REVISION comments | | |
| Is the language/English quality of the article suitable for scholarly communications? | Yes it is | |
| <u>Optional/General</u> comments | | |

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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|----------------------------------|---------------------------------|
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