|  |  |
| --- | --- |
|  | |
| Book Name: | [**Chemistry and Biochemistry: Research Progress**](https://www.bookpi.org/bookstore/product/chemistry-and-biochemistry-research-progress-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5068** |
| Title of the Manuscript: | **Phytochemical Composition, Toxicity, and effects of Sphenostylis marginata Aqueous Root Extract on Oxygen Consumption Rate in Oreochromis niloticus Fingerlings** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**International Journal of Biochemistry Research & Review, 34(2): 178-196, 2025.**

**DOI: 10.9734/ijbcrr/2025/v34i2975**

|  |  |  |
| --- | --- | --- |
| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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)* |
| **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.** | The study aimed to evaluate the effects of the aqueous root extract of *Sphenostylis marginata* on the oxygen consumption rate in *Oreochromis niloticus* fingerlings. The study further aimed to reveal the phytochemicals present as well as the lethal concentration (LC50) on *O. niloticus* fingerlings. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | To Evaluate Phytochemical Composition, Toxicity, and on Oxygen Consumption Rate in *Oreochromis niloticus* Fingerlings by using *Sphenostylis marginata* Aqueous Root Extract |  |
| 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. | * Abstract may be short not in details as like manuscript. * Introduction and material methods should be concised. * Result and conclusion not be in overlap and not clear up to mark. Need to be reframe. |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes but need to be reframing** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | As per your manuscript shows Reference was more before 2020 basically 2013 2011. Please add updation of reference after 2020 to 2025. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Its ok but need to be consize and most accurate words to be written.  Need to be accrate order sequence for discussion and conclusion.  Need to be Graphical part more clear. |  |
| Optional/General comments | Ok |  |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewers:**

**Amit Kishor Srivastava, India**