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| Book Name: | [**Pharmaceutical Science: New Insights and Developments**](https://www.bookpi.org/bookstore/product/pharmaceutical-science-new-insights-and-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_6301** |
| Title of the Manuscript: | **Antiparasitic, Antibiofilm, and Mucolytic Activities of Mimosa pudica: An Integrative Literature Review** |
| Type of the Article | **Book Chapter** |

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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 *(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.** | This manuscript effectively characterizes the bioactive constituents of *Mimosa pudica L.* and provides evidence of its efficacy in experimental models. The references are well-chosen, and the study comprehensively outlines the variety of secondary metabolites present. The manuscript is valuable to the scientific community, as it explores the plant's therapeutic potential against intestinal parasitic diseases, particularly in the context of increasing drug resistance. By integrating phytochemical analysis with experimental studies, it investigates the natural antiparasitic effects, biofilm disruption, and the role of mucoid plaques in chronic intestinal conditions. This work bridges traditional medicine with modern pharmacology, offering a solid foundation for future clinical research and novel treatment strategies. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Okay |  |
| 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 of the article needs to be improved, and should focus on the results. The length of the abstract needs to be a minimum of 250 words. |  |
| **Is the manuscript scientifically, correct? Please write here.** | - |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | Only a few references for the review article aren’t sufficient; the researcher should use more references. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The author should rewrite the manuscript with sound grammar. |  |
| Optional/General comments |  |  |

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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 details)* |  |

**Reviewer details:**

**Ghodake Balkrushna Dattatray, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, India**