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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.** | * The author addresses an important topic in the field of medicinal plants, especially in light of the increasing resistance of parasites to traditional medicines. The review covers phytochemical aspects, antiparasitic activity, antibiofilm effects, and mucolytic properties. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | * The title is clear, reflects the subject of the manuscript, and identifies the main biological activities of the plant. * However, it could be abbreviated to be more precise, for example:   **"Pharmacological Potentials of *Mimosa pudica*: Antiparasitic, Antibiofilm, and Mucolytic Activities".** |  |
| 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. | * The abstract is comprehensive, explaining the research problem, objective, results, and significance for future applications. |  |
| **Is the manuscript scientifically, correct? Please write here.** | * A modern and important topic in light of parasite drug resistance. * Comprehensive presentation of the multiple pharmacological activities of plants. * A good number of recent studies are cited. * Use of scientific language and specialized terminology. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | - References are varied and include articles as recent as 2025. Some references are duplicated or very outdated. References should be formatted according to APA/Harvard format (according to the journal's guidelines). |  |
| Is the language/English quality of the article suitable for scholarly communications? | * The academic language is clear, the terminology is precise, and there are no noticeable spelling errors. |  |
| Optional/General comments | * The research addresses a modern and important topic with promising therapeutic applications. However, the researcher should note the following: * The introduction is detailed and rich in references, but it is relatively long. Therefore, it is recommended to condense it and reduce repetition. * Exercise caution when discussing controversial topics (such as mucoid plaques), as they require more conservative wording, emphasizing the limited evidence. * Reformulate the conclusion to be more conservative, with clear recommendations for future research (such as clinical trials, dosage studies, and standardization of active ingredient extraction methods). |  |

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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:**

**Huda Jasim M. Altameme, University of Babylon, Iraq**