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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\_4643** |
| Title of the Manuscript: | **ANTI-MYCOBACTERIAL POTENTIALITY OF ARGEMONE MEXICANA. LINN (LEAVES AND STEM EXTRACT)** |
| 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 Pharmacy & Technology, 8(2): 12068-12074, 2016.**

**Available:** [**https://web.archive.org/web/20211020200725/https://www.ijptonline.com/volume-8-issue-2/**](https://web.archive.org/web/20211020200725/https://www.ijptonline.com/volume-8-issue-2/)

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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 research examines the anti-mycobacterial property of Argemone mexicana, a traditional medicine used in treating infections. The emergence of multi-drug resistant (MDR) and extensively drug-resistant (XDR) tuberculosis (TB) strains has necessitated alternative therapies. The research sheds light on natural anti-TB compounds and calls for further research on plant-derived antimicrobials. Methanol extract emerges as the most potent, according to the research, opening up possibilities for further phytochemical and pharmacological studies.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, title is appropriate and suitable** |  |
| 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 well-written but can be made better by:**  **Explicitly states the particular methodology employed for anti-mycobacterial assessment.**  **Including a quantitative overview of the most active extract's impact (e.g., inhibition zone or MIC values). Emphasizing the importance of the findings when compared to normal TB medication.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The paper is scientifically rigorous, with good phytochemical screening and biological activity tests. However:**  **It must clearly state if a positive control (e.g., Rifampicin) was included in each experiment.**  **Additional discussion of potential mechanisms of action would make the manuscript more robust.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **References are sufficient but some older sources could be replacedwith more recent peer reviewed studies (2021-2025) on plant based anti mycobacterial agents.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **English language quality needs improvement and some sections have grammatical errors.** |  |
| Optional/General comments |  |  |

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| **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)*  Does not mention ethical clearance for Mycobacterium strains. If human or animal samples were involved in any part of the research then ethical approval is required |  |

**Reviewer details:**

**Susmita Chakrabarty, DRIEMS University, India**