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| Journal Name: | [**Archives of Current Research I****nternational**](https://journalacri.com/index.php/ACRI) |
| Manuscript Number: | **Ms\_ACRI\_140656** |
| Title of the Manuscript: | **Mulberry: A versatile resource for medicinal value** |
| Type of the Article | **REVIEW ARTICLE** |

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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 *(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 review article provides an extensive and well-structured synthesis of the medicinal applications of mulberry (Morus spp.), based on findings from diverse studies. It thoroughly explores the pharmacological roles of leaves, fruits, twigs, and root bark, presenting evidence on antidiabetic, antioxidant, anti-inflammatory, neuroprotective, and anticancer effects . Figures and tables illustrate active compounds and their effects (e.g., Figs. 1–5, Table 1), while mechanisms like apoptosis induction via MAPK and NO pathways (Fig. 3) are explicitly described. The article is useful for researchers in phytotherapy and nutraceutical development and highlights the potential of mulberry as a multifunctional therapeutic plant. | ok |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, the title is suitable and reflects the content accurately. However, a more specific suggestion could be: “Mulberry (Morus spp.): A Comprehensive Review of Its Medicinal and Functional Properties” This version emphasizes the scope and depth of the review. | I have corrected |
| 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 and matches the article’s structure. It correctly summarizes therapeutic effects by plant part and active compound. However, adding a sentence noting the need for further human clinical trials - highlighted in the Conclusion section - would better align the abstract with the article’s cautious scientific stance. | ok |
| Is the manuscript scientifically, correct? Please write here. | Yes.  The manuscript is scientifically sound and properly structured. It references numerous studies to support claims. For instance: antidiabetic effects are shown through inhibition of α-glucosidase; neuroprotection is discussed via BChE inhibition and MAOA/MAOB downregulation ; anticancer potential is illustrated by the impact of morin on ovarian cancer and MLP on breast cancer. The pharmacological mechanisms discussed are accurate and traceable to cited literature within the manuscript. | ok |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes.  The article cites over 25 sources, mostly between 2019–2024, including peer-reviewed journals on nutrition, pharmacology, and plant science. | ok |
| Is the language/English quality of the article suitable for scholarly communications? | The English is understandable but contains several stylistic and grammatical issues:   * Repetitions (e.g., “Herbs have quite a crucial part to play…” appears twice in Introduction). * Inconsistent formatting and phrasing ("pic", "mulberry leaf extract-loaded microspheres"). * Awkward expressions like “Since the ancient Chinese herbal medicine describes…”   Therefore, a light to moderate language revision is recommended to improve clarity and professionalism. | OK I HAVE CORRECTED |
| Optional/General comments | The manuscript presents valuable compiled evidence on mulberry as a multi-targeted medicinal plant. Its well-illustrated sections and references make it a strong candidate for publication in its current scope, pending minor editorial and language adjustments. Its broad-spectrum coverage adds utility for academic and clinical researchers alike. | OK |

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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 detail)*  No. This is a review article and does not involve human or animal experimentation. Ethical declarations are appropriate. |  |