

Review Form 3

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| Journal Name:            | Asian Journal of Research in Infectious Diseases   |
| Manuscript Number:       | Ms_AJRID_129996  |
| Title of the Manuscript: | Bioactive phytochemicals as potentially active pharmaceutical ingredient for Human Monkeypox outbreak. |
| Type of the Article      | Review Article   |

PART 1: Comments

|  | Reviewer's comment | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|--|--------------------|---|
| 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. |                    |   |
| Is the title of the article suitable?<br>(If not please suggest an alternative title)  |                    |   |
| 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.      |                    |   |
| 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.                              |                    |   |

**Review Form 3**

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| Is the language/English quality of the article suitable for scholarly communications? |   |  |
| 1. <b><u>Optional/General</u></b> comments  | <ol style="list-style-type: none"><li>1. Using figures and tables is excellent, but their integration into the text could be smoother. Some figures (For example, the structures and protein diagrams) are mentioned without sufficient explanation in the surrounding text.</li><li>2. Concise figure captions that explain the relevance of the images would provide more context. For example, the figure on the "Structure of Mpox virus" (Fig. 1) should have a more detailed explanation of its importance in understanding the disease's pathology.</li><li>3. Consider adding a few sentences summarizing complex technical content in more straightforward terms for non-specialist readers.</li><li>4. The "Future Prospects" section is relatively brief. It could be expanded to emphasize potential challenges in translating in-silico results into clinical applications and the need for interdisciplinary approaches, including experimental validations of the compounds discussed.</li><li>5. Additionally, recommendations on how to prioritize certain phytochemicals or therapies based on available data might help guide future research efforts. A clearer synopsis of the important findings and their consequences for therapeutic advancement or public health would strengthen the conclusion.</li><li>6. You could also discuss limitations (For example, gaps in current research or challenges in applying phytochemicals as treatments).</li><li>7. Although the abstract provides a general overview, it would benefit from focusing more on the particular phytochemical-related findings. The most significant findings may receive more attention if important compounds and their effects are highlighted.</li><li>8. The significance and impact of the paper would be increased by clearly separating the article's scope from its implications for further research.</li><li>9. In conclusion, this paper is informative and detailed and will contribute to ongoing research in monkeypox and other alternative therapeutics.</li></ol> | Thank you for your comments.<br>Kindly go through the highlighted part in the original manuscript. |

**PART 2:**

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|  | <b>Reviewer's comment</b>  | <b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | NA  |