

PEER-REVIEW REPORT

Name of journal: *World Journal of Virology*

Manuscript NO: 78053

Title: The Monkeypox (MPX): An emerging zoonotic pathogen: A review study

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05847926

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Iran

Manuscript submission date: 2022-06-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-06-12 02:31

Reviewer performed review: 2022-06-12 15:49

Review time: 13 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

SPECIFIC COMMENTS TO AUTHORS

The manuscript systematically reviewed the characteristics of the MPX virus, and the current therapeutic options. Also, this review highlighted gaps in knowledge and proposed future research endeavors to address the unresolved questions. In the end, the author calls for that a current deployment and implementation of the Surveillance Outbreak Response Management and Analysis System (SORMAS) for MPX outbreaks worldwide is needed. Since 13 May 2022, cases of monkeypox have been reported to WHO from 12 Member States that are not endemic for monkeypox virus, across three WHO regions. This emergent pathogen is major concern in world after SARS-CoV-2 and need to epidemiological and other data from virus. Therefore, this manuscript is very timely and meaningful. However, the following problems in the article need to attract the attention of the authors: 1. The references are generally old, lack of new documents. The current research on this virus is a hot spot in the world, and a lot of related new studies has published, therefore, you should actively collect and analyze the recent research results. 2. The author's summary about the characteristics of the virus is actually a universal consensus. It is recommended that the author can summarize the latest research progress and results. 3. There are still several irregular English writing in the article, and it is recommended to further revise them.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05127894

Position: Editorial Board

Academic degree: DSc, FACS, MD, MSc

Professional title: Attending Doctor, Professor, Research Assistant, Surgeon

Reviewer's Country/Territory: Peru

Author's Country/Territory: Iran

Manuscript submission date: 2022-06-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-06-29 20:33

Reviewer performed review: 2022-07-06 17:14

Review time: 6 Days and 20 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

A very interesting article, especially because of the current situation in which we find ourselves and the risk of spreading the disease. However, the manuscript is quite general, and is not taking into account the new data that are being generated in current studies, presenting only one manuscript from this year. The new epidemiological aspects that are currently under discussion should be mentioned: community transmission, transmission through sexual intercourse, new characteristics of the distribution of lesions (<https://doi.org/10.54034/mic.e1450>), mortality, etc. References that must be in the manuscript: <https://doi.org/10.54034/mic.e1450>
<https://doi.org/10.1136/bmj.o1659> <https://doi.org/10.1016/j.tmaid.2022.102395>
<https://doi.org/10.1016/j.ijid.2022.06.047> [https://doi.org/10.1016/s1473-3099\(22\)00411-x](https://doi.org/10.1016/s1473-3099(22)00411-x) <https://doi.org/10.1016/j.jhin.2022.06.012>
<https://doi.org/10.1016/j.tmaid.2022.102394> <https://doi.org/10.2807/1560-7917.es.2022.27.26.2200477>

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Virology*

Manuscript NO: 78053

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Peer-review model: Single blind

Reviewer's code: 05127894

Position: Editorial Board

Academic degree: DSc, FACS, MD, MSc

Professional title: Attending Doctor, Professor, Research Assistant, Surgeon

Reviewer's Country/Territory: Peru

Author's Country/Territory: Iran

Manuscript submission date: 2022-06-05

Reviewer chosen by: Han Zhang

Reviewer accepted review: 2022-08-23 12:18

Reviewer performed review: 2022-08-23 21:52

Review time: 9 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

The authors have considerably improved their manuscript. I suggest its publication.