

PEER-REVIEW REPORT

Name of journal: *World Journal of Virology*

Manuscript NO: 88660

Title: Efficacy and safety of bamlanivimab in patients with COVID-19: A systematic review and meta-analysis

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03259512

Position: Editorial Board

Academic degree: MSc, PhD

Professional title: Assistant Professor, Senior Researcher

Reviewer's Country/Territory: Australia

Author's Country/Territory: Iran

Manuscript submission date: 2023-10-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-10-04 23:48

Reviewer performed review: 2023-10-05 00:37

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 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 statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The current study is a meta-analysis that aims to assess treatment of COVID-19 with bamlanivimab. The study is interesting and may attract lots of attention. However, there are issues to address. 1. Abstract/methods. Keywords used for the search of literature should be indicated. The use of bamlanivimab alone should be indicated. 2. All abbreviations in the Abstract (and in the text – first time used) should be deciphered. ICU , ROB ... etc 3. Abstract/ tables: indicate the age group of assessed patients. 4. Tables; a median or mean age of patients should be indicated. Male% should be also indicated. If studies indicate dhete procentage of comorbidies/co-infections – it should be also discussed and indicated in a table. 5. Adverse events should be described in more details. 6. Authors did not mention the “long COVID” and associated long term debilitating symptoms. It is necessary to add this to the Discussion section (see this <https://pubmed.ncbi.nlm.nih.gov/36100326/>) 7. Indicate which SARS strains developed resistance to bamlanivimab. 8. Another missing point: co-infection with other agents? Effect of different SARS-CoV-2 strains? (See Beeraka et al., 2022 <https://pubmed.ncbi.nlm.nih.gov/35416390/>. It has to be discussed. 9.

Conclusions/future perspectives should indicate a direction for future assessments, including long COVID and assessment of the risk groups 9 aged population), co-infections, development of resistance etc.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Academic degree: MSc, PhD

Professional title: Assistant Professor, Senior Researcher

Reviewer's Country/Territory: Australia

Author's Country/Territory: Iran

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Reviewer chosen by: Jing-Jie Wang

Reviewer accepted review: 2023-11-10 01:57

Reviewer performed review: 2023-11-13 02:41

Review time: 3 Days

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input 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 type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

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

SPECIFIC COMMENTS TO AUTHORS

The manuscript has been properly revised. Authors addressed all my comments. The text has been improved.