PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 73931

Title: Omicron variant (B.1.1.529) of SARS-CoV-2: mutation, infectivity, transmission, and vaccine resistance

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05393454

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer’s Country/Territory: India

Author’s Country/Territory: China

Manuscript submission date: 2021-12-08

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-12-08 15:48

Reviewer performed review: 2021-12-11 05:03

Review time: 2 Days and 13 Hours

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<th>Grade A: Excellent</th>
<th>Grade B: Very good</th>
<th>Grade C: Good</th>
<th>Grade D: Fair</th>
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<td>Conclusion</td>
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SPECIFIC COMMENTS TO AUTHORS
1. The English need improvement since there are a few grammatical and syntax errors in the manuscript. For example, the words “Omicron” may be as “the Omicron”; “impact to” as “impact on”; “impact on its” as “impact its”; “into human” as “into a human”; “positive of” as “positive for”; “it was” as “was”; “contacts with” as “contacts”; “potential” as “the potential”; “cases has” as “cases have”; “of disease” as “of the disease”; “infection” as “an infection”; “is effect” as “is the effect”; “to use” as “using”. The grammar mistakes which are not mentioned here are also to be checked and corrected properly.  
2. There are some typing mistakes as well, and authors are advised to carefully proof-read the text. For example, the words “reviews summaries” may be as “review summarises”; “Key words” as “Keywords”; “In the end” as “At the end”; “certainly” as “certainly,”; “spilled” as “spilt”; “variant,” as “variant”; “population?” as “populations?”; “R value” as “R-value”; “end it” as “end, it”; “south” as “South or southern”; “USA,” as “USA,”; “infection tested” as “infections tested”; “travelers” as “travellers”; “19.Other” as “19. Other”; “SARS-CoV-2 infection” as “SARS-CoV-2 infection?”. The typos not mentioned here are also to be checked and corrected properly.  
3. The databases or search engines used (like PubMed, ScienceDirect, Google scholar etc.,) for the collection of this information with the keywords (in the text) used should be mentioned since this is a review article.  
4. The authors are encouraged to included data related with technological tools available to identify Omicron variant in brief.
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Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05915429

Position: Peer Reviewer

Academic degree: BSc, MSc

Professional title: Research Assistant Professor

Reviewer’s Country/Territory: India

Author’s Country/Territory: China

Manuscript submission date: 2021-12-08

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-12-08 14:59

Reviewer performed review: 2021-12-11 06:44

Review time: 2 Days and 15 Hours

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SPECIFIC COMMENTS TO AUTHORS

1. It was that “The Omicron variant have caused continuous tremendous disaster to the world” this virus is new variant and its infection rate (R0) is not known yet and its pneumonia causing capability is yet to be determined. So, I think that the term “continuous tremendous disaster” is not suitable for this variant. Please modify this sentence.

2. Please mention if 5 out of 7 continents have this variant.

3. Update the epidemiological information once accepted for publication.

4. Please check the space between the words.

5. The references have to be as per the journal’s standard mainly the website references (Ref 9, 10, & 11) used in this manuscript.

6. Please provide a heading for conclusion paragraph.

7. “Bieniasz team’s work” it’s better if you use the first author’s name and mention as “X and colleagues reported” sounds better.
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Manuscript NO: 73931

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Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05755618

Position: Peer Reviewer

Academic degree: FACP, MD

Professional title: Chief Physician, Doctor

Reviewer’s Country/Territory: Japan

Author’s Country/Territory: China

Manuscript submission date: 2021-12-08

Reviewer chosen by: Lian-Sheng Ma

Reviewer accepted review: 2021-12-09 02:49

Reviewer performed review: 2021-12-11 14:43

Review time: 2 Days and 11 Hours

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SPECIFIC COMMENTS TO AUTHORS
The authors described in this review article that Omicron tends to escape our immune system’s defenses, and COVID-19 vaccines may be less effective against the Omicron variant. The symptom of Omicron is scary as compared to previous variants. The severity of Omicron is unknown to date. It is a well-written article, including updated evidence. However, there are some concerns of this article. 1. The authors should add an introduction. 2. There are no descriptions of search methods of references. 3. The authors may add the tables that compared the other variants from the Omicron. 3. The references are too small for a full review article.
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Manuscript NO: 73931

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Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 02943442

Position: Editorial Board

Academic degree: MPhil, PhD

Professional title: Academic Fellow, Assistant Professor

Reviewer’s Country/Territory: Pakistan

Author’s Country/Territory: China

Manuscript submission date: 2021-12-08

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-12-09 10:49

Reviewer performed review: 2021-12-17 16:48

Review time: 8 Days and 5 Hours

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SPECIFIC COMMENTS TO AUTHORS
The article is informative, but the information is too scanty. Authors are advised to add more information about the readers, especially how this variant is more contagious than the previous strains? It is recommended to add the differences of different strains in tabular form. Secondly, what is the methodology of the current study? How were the articles included/Excluded? Authors are advised to make any PRISMA checklist for article selection. Multiple English languages and syntax issues are seen; it requires major language polishing.