

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 79717

Title: Mechanism and potential treatments for gastrointestinal dysfunction in patients with COVID-19

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00505755

Position: Editorial Board

Academic degree: PhD

Professional title: Senior Research Fellow

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2022-09-09

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-13 01:40

Reviewer performed review: 2022-09-16 02:18

Review time: 3 Days

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 Grade E: Do not publish |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



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| 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

This is a comprehensive review on mechanism and potential treatments of gastrointestinal dysfunction in COVID-19 patients. Abbreviation in the legend for Fig.4 may be revised to ACE2 as in the Keywords.

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Reviewer's code: 05189761

Position: Peer Reviewer

Academic degree: MBBS, MD

Professional title: Research Fellow, Staff Physician

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2022-09-09

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-10-13 01:56

Reviewer performed review: 2022-10-13 02:11

Review time: 1 Hour

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|--------------------|---|
| 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 type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection |
| Re-review | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |



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|-------------------------------------|---|

SPECIFIC COMMENTS TO AUTHORS

In this review authors have discussed in detail about the mechanism and pattern of various gastrointestinal manifestation following COVID 19. This article is relevant and well written. I have the following recommendations 1. Please include a section on methodology: Articles were included in what time frame? From which data base? What were the inclusion criteria? and so forth 2. Mention interactions of medications, comorbidities and COVID treatment on GI (Refer and cite PMID: 32266993, PMID: 33310106) 3. Include a limitation