

## **Response letter**

**Manuscript ID number:** 79717

**Title:** Mechanism and potential treatments of gastrointestinal dysfunction in COVID-19 patients

Dear editor Ma,

Thank you for your and the reviewers' positive evaluation and comments on our manuscript entitled "Mechanism and potential treatments of gastrointestinal dysfunction in COVID-19 patients " (Manuscript ID: 79717). We are very happy for the valuable comments and suggestions to help us to improve our manuscript. According to the reviewers' comments and suggestions, we have revised the manuscript and responded the comments. All changes are marked in change track in the text. We hope the revised manuscript will meet your approval. Below are our point-by-point responses to the reviewers' comments.

## **Point-to-point response**

### **Reviewer 1:**

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.

[Response: Thanks for your kind advise. We have revised it in Fig.4.](#)

### **Reviewer 2:**

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

[Response: Thanks for your advice. This part has been added in the manuscript in paragraph 5, after the pathology part.](#)

2. Mention interactions of medications, comorbidities and COVID treatment on GI (Refer and cite PMID: 32266993, PMID: 33310106 )

[Response: Thanks for your kind suggestion. I have carefully read the above two references and cited them in the proper place.](#)

3. Include a limitation

[Response: The limitation of this review has been added in the conclusion part, at the end of the manuscript.](#)