

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 75507

**Title:** Update on gut microbiota in gastrointestinal diseases

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 01555264

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Associate Professor, Chief Doctor, Senior Scientist, Technical Editor

**Reviewer's Country/Territory:** Iran

**Author's Country/Territory:** Japan

**Manuscript submission date:** 2022-02-08

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-02-13 19:19

**Reviewer performed review:** 2022-02-13 19:22

**Review time:** 1 Hour

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 Grade E: Do not publish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



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
<https://www.wjgnet.com>

statements

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

## **SPECIFIC COMMENTS TO AUTHORS**

Written in general mode and has no novelty.

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 75507

**Title:** Update on gut microbiota in gastrointestinal diseases

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06258920

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Thailand

**Author's Country/Territory:** Japan

**Manuscript submission date:** 2022-02-08

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-02-09 09:06

**Reviewer performed review:** 2022-02-16 12:17

**Review time:** 7 Days and 3 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

## SPECIFIC COMMENTS TO AUTHORS

The authors focused on the association of the gut microbiota with human gastrointestinal diseases, including CDI, IBD, and irritable bowel syndrome. Additionally, they discussed therapeutic options for altering the gut microbiota, including probiotics and FMT. All of these therapeutic options represent novel approaches to the prevention and treatment of a wide variety of gastrointestinal diseases. The authors discussed the characteristics of each disease, such as its definition and prevalence. They then demonstrated how to treat each disease by altering the gut microbiota with probiotics and FMT. The authors demonstrated in an easy-to-read manner and simplified the reader's understanding of these diseases and treatments. The authors provided a good summary of the future direction of research on gut microbiota and therapeutic targets. Gut microbiota and human health are extremely fascinating topics in today's medical world. Moreover, probiotics and FMT are promising therapeutic targets for a variety of gastrointestinal disorders. There are a few minor revisions and limitations should be concerned

1. In the introduction, the author should state how many therapeutic interventions involving gut microbiota modulation are currently available and provide a concise definition of their intervention before proceeding to the details of each treatment.
2. Numerous papers on FMT in *Clostridioides difficile* have been published. The authors should demonstrate the subgroup analysis of some meta-analysis. For example, the type of feces used (frozen or fresh), the administration route (nasogastric probe, colonoscopy, gastroscopy, FMT capsule), and the donor characteristics etc. should be discussed in this review.
3. Although FMT is not approved as a treatment for IBS, numerous studies have shown that probiotics improve IBS symptoms. The authors should expand on their discussion



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** [bpgoffice@wjgnet.com](mailto:bpgoffice@wjgnet.com)  
<https://www.wjgnet.com>

of probiotics in IBS, including specific bacteria that have been shown to improve IBS symptoms.

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 75507

**Title:** Update on gut microbiota in gastrointestinal diseases

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05444591

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Croatia

**Author's Country/Territory:** Japan

**Manuscript submission date:** 2022-02-08

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-02-09 07:38

**Reviewer performed review:** 2022-02-24 03:21

**Review time:** 14 Days and 19 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
<https://www.wjgnet.com>

statements

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

#### **SPECIFIC COMMENTS TO AUTHORS**

In the manuscript "Update on gut microbiota in gastrointestinal diseases" the authors state what is new about the role of microbiota in gastrointestinal diseases. The paper lacks tabular or schematic representations of the results. As it is written about the microbiota in IBS, it should be emphasized in which type of IBS and the same applies to probiotic therapy and fecal transplantation. The authors should refine this part of the paper and emphasize what is new in relation to previous research.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 75507

**Title:** Update on gut microbiota in gastrointestinal diseases

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06258920

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Thailand

**Author's Country/Territory:** Japan

**Manuscript submission date:** 2022-02-08

**Reviewer chosen by:** Han Zhang

**Reviewer accepted review:** 2022-05-01 01:44

**Reviewer performed review:** 2022-05-01 03:31

**Review time:** 1 Hour

<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input 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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Peer-reviewer statements</b>	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**

-