



## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 74741

**Title:** Fecal microbiota transplantation in the metabolic diseases : current status and perspectives

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

**Peer-review model:** Single blind

**Reviewer's code:** 05226054

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Assistant Professor

**Reviewer's Country/Territory:** United States

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

**Manuscript submission date:** 2022-01-04

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-01-25 01:27

**Reviewer performed review:** 2022-01-25 01:42

**Review time:** 1 Hour

|                           |   |
|---------------------------|---|
| <b>Scientific quality</b> | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good<br><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 Grade E: Do not publish            |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<br><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)<br><input 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   |



**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

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| <b>Peer-reviewer<br/>statements</b> | Peer-Review: [ <input checked="" type="checkbox"/> ] Anonymous [ <input type="checkbox"/> ] Onymous<br>Conflicts-of-Interest: [ <input type="checkbox"/> ] Yes [ <input checked="" type="checkbox"/> ] No |
|-------------------------------------|---|

### **SPECIFIC COMMENTS TO AUTHORS**

well written review article. Challenges in future would be mode of delivery, source of FMT , diversity of microbiome. I will recommend the authors to add a paragraph on informed consent as it is still considered a part of valid IRB across the US hospital centers. Also, a paragraph about adverse events of FMT including severe cases of sepsis with gram negative bacteremia .



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**Reviewer's code:** 04913316

**Position:** Peer Reviewer

**Academic degree:** AGAF, MD, PhD

**Professional title:** Full Professor, Professor

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

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

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**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-01-25 06:52

**Reviewer performed review:** 2022-01-28 12:13

**Review time:** 3 Days and 5 Hours

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|---------------------------|---|
| <b>Scientific quality</b> | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good<br><input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish            |
| <b>Language quality</b>   | <input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing<br><input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection |
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| <b>Re-review</b>          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |



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

### **SPECIFIC COMMENTS TO AUTHORS**

The role of intestinal microbiota In a number of pathological conditions, including Inflammatory bowel diseases, is increasing. Fecal microbiota transplantation is emerging as an important therapeutic tool in conditions such as infection by C difficile and other gastrointestinal diseases. Therefore this review article is of great interest to the readers of the Journal. It is well written, highly informative and updated and, as such, is worth being published in the Journal. I have a minor suggestion to the Authors which might help improve the manuscript COMMENT: the Authors may want to give some more details on the mechanisms whereby alteration of intestinal microbiota may interfere with the integrity of intestinal mucosa. To this purpose the Authors may want to quote an discuss the review article by De Musis C et al (Inflammatory bowel diseases: the role of intestinal microbiota, Curr Pharm Des 2020; 26:2951-2961).