

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 79168

Title: Role of intestinal flora in primary sclerosing cholangitis and its potential therapeutic value

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04216216

Position: Peer Reviewer

Academic degree: MD

Professional title: Academic Fellow

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2022-08-07

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-14 05:41

Reviewer performed review: 2022-09-17 11:31

Review time: 3 Days and 5 Hours

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 Grade E: Do not publish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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Peer-reviewer
statements**Peer-Review: [☒] Anonymous [☐] OnymousConflicts-of-Interest: [☐] Yes [☒] No**SPECIFIC COMMENTS TO AUTHORS**

The Authors conducted a review on the role of gut microbiota in the primary sclerosing cholangitis (PSC) pathogenesis. They concluded that intestinal flora had a major role in the PSC and it can be a target for future therapies. In my opinion, this review is worthy to be published for the following reasons: 1. PSC is a liver disease with high risk of cancers and with no effective treatment. So, a review on the pathogenetic mechanisms is useful to collect data to find new therapeutic target 2. The gut microbiota is assuming a predominant role in the pathogenesis of many diseases. In the PSC its role seems to be fundamental, especially in patients with concomitant inflammatory bowel disease. In general, the paper is well written, and the English grammar is good. However, I did not find in the text the position of Figure 1.

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Title: Role of intestinal flora in primary sclerosing cholangitis and its potential therapeutic value

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 01558248

Position: Editorial Board

Academic degree: FACS, MD, PhD

Professional title: Professor, Surgeon

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: China

Manuscript submission date: 2022-08-07

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-09-28 01:32

Reviewer performed review: 2022-10-03 01:43

Review time: 5 Days

Scientific quality	<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
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

1. Please use the full spelling instead of abbreviation as a subtopic of each paragraphy, for example, FMT, BAs... 2. Please provide the difference of intestinal flora published from the Eastern and Western countries if possible. 3. Please enrich the content of "abstract" and provide more useful and prcticle results for readers.