

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Hepatology*

**Manuscript NO:** 75490

**Title:** Hepatocellular carcinoma and microbiota: implications for clinical management and treatment

**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:** Italy

**Manuscript submission date:** 2022-01-31

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-01-31 13:23

**Reviewer performed review:** 2022-01-31 13:38

**Review time:** 1 Hour

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 Grade E: Do not publish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 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 type="checkbox"/> Yes <input checked="" 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>

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

The abstract was started by microbiota but the text was started by hcc. I didn't see any table or figure for compare the microbiota population. The author talked generally regarding the microbiota diversity, i recommended to be more specific and add the importance microbiota

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**Peer-review model:** Single blind

**Reviewer's code:** 05575380

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2022-01-31

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-02-01 08:39

**Reviewer performed review:** 2022-02-01 09:23

**Review time:** 1 Hour

<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 checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
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<b>Peer-reviewer statements</b>	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**

Dear Editor, thank you so much for inviting me to revise this manuscript about HCC. This study addresses a current topic. The manuscript is well written and organized. The introduction explains in a clear and coherent manner the background of this study. The authors should expand some sections, including a more personal perspective to reflect on. For example, they could answer the following questions – in order to facilitate the understanding of this complex topic to readers: what potential does this study hold? What are the knowledge gaps and how do researchers tackle them? How do you see this area unfolding in the next 5 years? We think it would be extremely interesting for the readers. We believe this article is suitable for publication in the journal although some revisions are needed. The main strengths of this paper are that it addresses an interesting and very timely question and provides a clear answer, with some limitations.

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**Title:** Hepatocellular carcinoma and microbiota: implications for clinical management and treatment

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**Peer-review model:** Single blind

**Reviewer's code:** 00724887

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Director

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

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

**Manuscript submission date:** 2022-01-31

**Reviewer chosen by:** AI Technique

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**Reviewer performed review:** 2022-02-01 14:08

**Review time:** 1 Hour

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 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

<b>Peer-reviewer statements</b>	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**

This is very well written review Most relevent papers are included few recent papers can be added Rattan P, Minacapelli CD, Rustgi V. The Microbiome and Hepatocellular Carcinoma. Liver Transpl. 2020 Oct;26(10):1316-1327. doi: 10.1002/lt.25828. Epub 2020 Aug 9. PMID: 32564483. Temraz S, Nassar F, Kreidieh F, Mukherji D, Shamseddine A, Nasr R. Hepatocellular Carcinoma Immunotherapy and the Potential Influence of Gut Microbiome. Int J Mol Sci. 2021 Jul 21;22(15):7800. doi: 10.3390/ijms22157800. PMID: 34360566; PMCID: PMC8346024.