



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 79960

Title: Hepatocellular carcinoma in Non-alcoholic steatohepatitis without cirrhosis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03536702

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Brazil

Manuscript submission date: 2022-09-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-13 03:53

Reviewer performed review: 2022-09-16 09:07

Review time: 3 Days and 5 Hours

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 Grade E: Do not publish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
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

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

SPECIFIC COMMENTS TO AUTHORS

This paper provide a review on the epidemiology, the pathophysiology, the histopathological aspects of non-cirrhotic NAFLD-related HCC as well as the current recommendations and novel perspectives in surveillance. It is well written in general, however, the manuscript needs a minor editing work for the following problems:

1. On page 6, in the last sentence, please define 'OR' and 'CI'. Some other abbreviations should be defined at the first time of use.
2. On page 7, in the first sentence of the first paragraph, is MBOAT or MBOAT7?
3. On page 7, in the first sentence of the second paragraph, please remove 'TM6SF2 transmembrane 6 superfamily member 2 (TM6SF2)'.
4. On page 7, in the second paragraph, what do you mean '167K' allele? Please define it.
5. On page 7, in the fourth paragraph, 'hTERT' stands for human Telomerase reverse transcriptase, so you may add human before Telomerase reverse transcriptase or remove 'h' from hTERT.
6. On page 8, in the first line, remove a space before Hyperinsulinemia.
7. In 'Mallory denk bodies' should be 'Mallory Denk bodies'.
8. In 'NOVEL PERSPECTIVES IN SURVEILLANCE FORM HCC IN NAFLD', is "FORM" or 'FOR'?
9. In conclusion, remove '(sugestão)'.



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Reviewer's code: 00503243

Position: Editor-in-Chief

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Brazil

Manuscript submission date: 2022-09-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-13 17:02

Reviewer performed review: 2022-09-17 15:59

Review time: 3 Days and 22 Hours

Scientific quality	<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
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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Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

This is an excellent review on the hepatocellular carcinoma in non-alcoholic steatohepatitis without cirrhosis. The manuscript is complete, well written and easy to read. Almost all the relevant aspects are taken in consideration, as epidemiology, genetic, metabolic factors and histological factors. The recommendations given are important and validated by updated references. References in general are wide and updated. I congratulate with the authors for this relevant study.



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Reviewer's code: 06358310

Position: Peer Reviewer

Academic degree: PhD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Brazil

Manuscript submission date: 2022-09-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-17 02:38

Reviewer performed review: 2022-09-26 14:17

Review time: 9 Days and 11 Hours

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

SPECIFIC COMMENTS TO AUTHORS

This study reviewed the epidemiology, the pathophysiology, the histopathological aspects, the current recommendations and novel perspectives in surveillance of non-cirrhotic NAFLD-related HCC. This article is comprehensive and well-written. However, it would be better if the author briefly described the NAFLD in the INTRODUCTION part. This will help the reader better to understand this article.