

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 74724

Title: Regulatory T cells and their associated factors in hepatocellular carcinoma development and therapy

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00503516

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: United States

Manuscript submission date: 2022-01-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-07 21:28

Reviewer performed review: 2022-01-09 10:26

Review time: 1 Day and 12 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 Grade E: Do not publish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 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
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 statements	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

Chunye Zhang et al report about the potential role of s of Tregs in HCC-inducing factors such as ALD, NALD, cirrhosis, and liver viral infections. The subject is scientifically interesting although still limited to the pure research field. The review is written clearly. Specific comments -Figure 1 and 2 to despite being present at the end of the manuscript, are not mentioned in the text; thus the author should include in the appropriate site the reference to the two figures. -It would be very helpful for non-expert in the field of immunology to introduce an additional figure where the main function of the different are reported (such as CD4/8 T cell, Th1/Th2 cells, Th17, CD8+CD122+Tregs, CD127lowCD25+CD4+Tregs, M2-like macrophages and so on). As it is, the manuscript is not clear in the regard

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Reviewer's code: 06169813

Position: Peer Reviewer

Academic degree: PhD

Professional title: Senior Researcher

Reviewer's Country/Territory: China

Author's Country/Territory: United States

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-10 11:26

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Review time: 4 Days and 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
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Peer-reviewer statements	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 manuscript review the progression of Regulatory T cells and their associated factors in hepatocellular carcinoma development and therapy. The manuscript is well organized and well scientific written. However, the content of "Tregs in HCC "(line 143) is too simple. The major topic of this paper is the role of Tregs in HCC. Therefore, the paragraph should be dedicatedly introduced.