



**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>

## PEER-REVIEW REPORT

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

**Manuscript NO:** 87121

**Title:** Multifunctional roles of inflammation and its causative factors in primary liver cancer: A literature review

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

**Peer-review model:** Single blind

**Reviewer's code:** 01221925

**Position:** Editorial Board

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

**Professional title:** Professor

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

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

**Manuscript submission date:** 2023-08-21

**Reviewer chosen by:** Yu-Lu Chen

**Reviewer accepted review:** 2023-09-11 19:25

**Reviewer performed review:** 2023-09-17 18:38

**Review time:** 5 Days and 23 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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<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 type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<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

## SPECIFIC COMMENTS TO AUTHORS

This is an interesting paper approaching the issue of HCC from the inflammation perspective. Although the authors present a nice overview of some of the inflammatory factors involved, for the sake of completeness of such a review, they may also want to consider: -there are other areas that represent common ground between inflammation and HCC apart from viral hepatitis, alcoholic hepatitis, NAFLD, such as increased discussion of metabolic syndrome, including obesity and diabetes. -the authors may also want to use the new nomenclature, ie MAFLD instead of NALFD -the authors discuss several inflammation factors extensively, but when the paper comes to the "Current clinical Therapies" section it stops rather abruptly leaving the reader wanting to see more. Given that this is a review, the authors may consider extending this part so that it clarifies the clinical significance of a lot of these factors mentioned.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 87121

**Title:** Multifunctional roles of inflammation and its causative factors in primary liver cancer: A literature review

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

**Peer-review model:** Single blind

**Reviewer's code:** 00006518

**Position:** Peer Reviewer

**Academic degree:** MD, MHSc, PhD

**Professional title:** Associate Professor, Chief Doctor, Doctor

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

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

**Manuscript submission date:** 2023-08-21

**Reviewer chosen by:** Yu-Lu Chen

**Reviewer accepted review:** 2023-09-11 10:27

**Reviewer performed review:** 2023-09-21 07:27

**Review time:** 9 Days and 21 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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<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

## SPECIFIC COMMENTS TO AUTHORS

1. I suggest the authors change the title ‘inflammation’ to ‘chronic inflammation’. 2. The authors might be considering adding autoimmune hepatitis and metabolic liver diseases such as primary biliary cholangitis, primary sclerosing cholangitis, and Wilson’s disease, etc. into this review article and comparing the similarities and differences in the development of primary liver cancers with viral, alcoholic, or steatotic etiologies. 3. Superscript reference 71 in line 9 of ‘Current Clinical Therapies’. 4. Regarding the efficacy of nonsteroidal anti-inflammatory drugs in the treatment of tumors, the authors need to address the limitations & adverse events that hinder their chronic administration in real-world practices.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 87121

**Title:** Multifunctional roles of inflammation and its causative factors in primary liver cancer: A literature review

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

**Peer-review model:** Single blind

**Reviewer's code:** 00053682

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2023-08-21

**Reviewer chosen by:** Yu-Lu Chen

**Reviewer accepted review:** 2023-09-11 09:34

**Reviewer performed review:** 2023-09-26 08:44

**Review time:** 14 Days and 23 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 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="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous
	Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No

## **SPECIFIC COMMENTS TO AUTHORS**

This review is well written and very informative, covering almost all the state of the art on the subject. The content fully reflects what is stated in the title. Abstract, discussion and outcomes are sufficiently, yet not completely, developed. All the main comments have been inserted in the attached text (87121-Manuscript File (with comments)). Here the major points: The review suffers from a lack of images, diagrams or tables; only one image has been included. Diagrams, tables or graphics play an important part in a better understanding of the content and should be featured in a review covering such a broad topic. There are various paragraphs in the paper that could be better summarized and/or explained with a good figure. I suggest the authors add at least one more figure to the manuscript. Although well-constructed and organized, the review deals with topics well discussed in papers already present in the literature; the authors are encouraged to consider all the aspect suggested in the inserted comments for a more complete work of revision.