

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Nephrology*

**Manuscript NO:** 64938

**Title:** Literature review of the mechanisms of acute kidney injury secondary to acute liver injury

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

**Peer-review model:** Single blind

**Reviewer's code:** 03486791

**Position:** Peer Reviewer

**Academic degree:** N/A, MD

**Professional title:** N/A, Doctor

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

**Author's Country/Territory:** United Kingdom

**Manuscript submission date:** 2021-02-25

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-03-02 03:29

**Reviewer performed review:** 2021-03-02 06:23

**Review time:** 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 Grade E: Do not publish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 type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" 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**

Thank you for inviting me to review this paper. However, reviews about acute kidney injury secondary to acute liver injury have been largely reported.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** *World Journal of Nephrology*

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**Title:** Literature review of the mechanisms of acute kidney injury secondary to acute liver injury

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

**Peer-review model:** Single blind

**Reviewer's code:** 05204757

**Position:** Editorial Board

**Academic degree:** MBBS, MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** United States

**Author's Country/Territory:** United Kingdom

**Manuscript submission date:** 2021-02-25

**Reviewer chosen by:** Yun-Xiaojuan Wu

**Reviewer accepted review:** 2021-06-22 10:40

**Reviewer performed review:** 2021-06-25 01:52

**Review time:** 2 Days and 15 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** [bpgoffice@wjgnet.com](mailto:bpgoffice@wjgnet.com)  
<https://www.wjgnet.com>

statements

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

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

Dear Authors, I would like to thank you for providing me with an opportunity to review this article. Overall, I found this as a very detailed review of AKI in the setting of ALI especially in the context of ischemia and reperfusion. I have few suggestions 1) Please discuss the role of hypoxia-inducible factors as well 2) I would also suggest to make it easier for readers to go through this detailed review. Please make it concise by adding a table about pathology behind AKI and discussing important aspects in the body. Similarly, another table mentioning about the various studies done on this topic and discussing the major ones Thank You.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

**Peer-review model:** Single blind

**Reviewer's code:** 03555433

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor

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

**Author's Country/Territory:** United Kingdom

**Manuscript submission date:** 2021-02-25

**Reviewer chosen by:** Yun-Xiaojian Wu

**Reviewer accepted review:** 2021-06-22 15:34

**Reviewer performed review:** 2021-06-25 12:39

**Review time:** 2 Days and 21 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
<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. The title requires revision if the review focused on liver ischaemia-reperfusion (IR) injury. If most information is from animal studies. The title should represent the information as appropriated. 2. Any new information compared to the previous review of reference 2? 3. Figure 1 quality needs major improvement. 4. This review is too fragmented and not easy to be read. The structure of this review needs major revision to have a logical flow in a clearer structure. 5. May consider using a figure or table to summarized the stage of kidney injury. 6. May consider using a table to summarize the key biomarkers and their related studies. 7. Please place the paragraph of limitations before conclusion. 8. Reference 2 and 10 are the same. Please check all the reference citation again carefully.