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

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<tr>
<th>Scientific quality</th>
<th>[ ] Grade A: Excellent</th>
<th>[ ] Grade B: Very good</th>
<th>[ ] Grade C: Good</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>[Y] Grade D: Fair</td>
<td>[ ] Grade E: Do not publish</td>
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<tr>
<th>Language quality</th>
<th>[Y] Grade A: Priority publishing</th>
<th>[ ] Grade B: Minor language polishing</th>
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<tr>
<td></td>
<td>[ ] Grade C: A great deal of language polishing</td>
<td>[ ] Grade D: Rejection</td>
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<tr>
<th>Conclusion</th>
<th>[ ] Accept (High priority)</th>
<th>[ ] Accept (General priority)</th>
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<tbody>
<tr>
<td></td>
<td>[ ] Minor revision</td>
<td>[ ] Major revision</td>
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| Re-review          | [ ] Yes | [Y] No |
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
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: 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-Xiaojian Wu
Reviewer accepted review: 2021-06-22 10:40
Reviewer performed review: 2021-06-25 01:52
Review time: 2 Days and 15 Hours

Scientific quality

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Conclusion

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Peer-reviewer

Peer-Review: [ Y ] Anonymous

[ ] Onymous
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**

**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:** 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

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<td>Conflicts-of-Interest: Yes</td>
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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.