

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 75102

Title: Minireview: Mechanisms of ductular reaction in non-alcoholic steatohepatitis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06187298

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Romania

Author's Country/Territory: China

Manuscript submission date: 2022-01-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-17 15:04

Reviewer performed review: 2022-01-20 02:10

Review time: 2 Days and 11 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 Grade E: Do not publish |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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Peer-reviewer | Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous |

statements

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

SPECIFIC COMMENTS TO AUTHORS

Congratulations for such a good literature review regarding the complex mechanisms of non-alcoholic steatohepatitis. All mechanisms cited and researched in the literature are definitely complex and require deep knowledge of the cellular-based processes that make ductular-reaction such a significant clinical problem for gastroenterologist and general/hepatobiliary surgeons alike. I particular appreciate the time and effort taken to fully describe all major mechanisms involved in DR, and NAFLD and correlate the vast volume contained in the cited literature (75 entries); also, another key important advantage of the paper is that the literature cited is up to date. A minor suggestion though: please make a small change in the title of the paper so it would better reflect that this is a literature review and not a personal experience.

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Title: Minireview: Mechanisms of ductular reaction in non-alcoholic steatohepatitis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06131948

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Russia

Author's Country/Territory: China

Manuscript submission date: 2022-01-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-18 05:29

Reviewer performed review: 2022-01-26 10:21

Review time: 8 Days and 4 Hours

| | |
|---------------------------|---|
| Scientific quality | <input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Very good <input type="radio"/> Grade C: Good <input type="radio"/> Grade D: Fair <input type="radio"/> Grade E: Do not publish |
| Language quality | <input checked="" type="radio"/> Grade A: Priority publishing <input type="radio"/> Grade B: Minor language polishing <input type="radio"/> Grade C: A great deal of language polishing <input type="radio"/> Grade D: Rejection |
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| Re-review | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Peer-reviewer | Peer-Review: <input checked="" type="radio"/> Anonymous <input type="radio"/> Onymous |



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statements

Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

The article seems interesting. The authors summarized information on the signaling pathways associated with the ductular response. The article is logical, based on the analysis of modern literature sources. The figures are of sufficient quality.