

PEER-REVIEW REPORT

Name of journal: *World Journal of Hepatology*

Manuscript NO: 80470

Title: Therapeutic interventions of acute and chronic liver disorders: A comprehensive review

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05868418

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Egypt

Manuscript submission date: 2022-09-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-29 00:46

Reviewer performed review: 2022-10-02 08:45

Review time: 3 Days and 7 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 Grade E: Do not publish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 statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

1." They cause hepatocyte injury when they produce ROS and proteases once they are within the parenchyma ". How they facilitated by proinflammatory cytokines? 2. "TNF- α , on the other hand, has also been demonstrated to have an anti-fibrogenic impact in rat HSCs by lowering glutathione and decreasing pro-collagen 1 expression". TNF- α has an anti-fibrogenic impact in HSCs, maybe involve any signal pathway? 3. "Almost all liver illnesses, regardless of their underlying causes, have been found to exhibit oxidative stress". Whether it indicates that ROS is most important for the liver? 4. Should uppercase and lowercase be uniform? Or do they have different meanings? MiRs, mir, miR? 5. In treatment, what parts were used for or involved in autophagy? 6. Full text is too long, cell part is not considered to simplify.

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Manuscript NO: 80470

Title: Therapeutic interventions of acute and chronic liver disorders: A comprehensive review

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03850800

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Egypt

Manuscript submission date: 2022-09-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-10-23 10:35

Reviewer performed review: 2022-10-23 11:05

Review time: 1 Hour

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
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SPECIFIC COMMENTS TO AUTHORS

The manuscript titled "Therapeutic interventions of acute and chronic liver disorders: a comprehensive review" was done by Fares et al., it is interesting, but need minor revision before accept. 1. In page 4, "damaged cells and can trigger the innate immune response. [9]." please to revise. 2. In page 5, "proinflammatory mediators like tumor necrosis factor," which type tumor necrosis factor? 3. In page 6-7, "Reactive oxygen species, cytokines, and/or growth factors, such as TNF and TGF", please to clarify which type TNF and TGF? 4. In manuscript, in some part, TGF-1, and another TGF- β , please to check and revise.