



## 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

<b>Scientific quality</b>	<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 Grade E: Do not publish
<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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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<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**

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- $\alpha$ , 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- $\alpha$  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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**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

<b>Scientific quality</b>	<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
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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- $\beta$ , please to check and revise.