



PEER-REVIEW REPORT

Name of journal: *World Journal of Hepatology*

Manuscript NO: 93516

Title: Interleukin-mediated therapies in liver diseases and comorbidity effects

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05393105

Position: Editorial Board

Academic degree: Doctor, FRCPE, MBBS, MD

Professional title: Professor

Reviewer's Country/Territory: India

Author's Country/Territory: Mali

Manuscript submission date: 2024-02-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2024-04-13 16:16

Reviewer performed review: 2024-04-13 16:35

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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation



Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 type="checkbox"/> Minor revision <input checked="" 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="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

An interesting editorial. The following are suggested to enhance the manuscript: 1. The manuscript should have tabular representation of data to be a better read 2. The following maybe referenced and discussed: a. Caparrós E, Francés R. The Interleukin-20 Cytokine Family in Liver Disease. *Front Immunol.* 2018 May 28;9:1155. doi: 10.3389/fimmu.2018.01155. PMID: 29892294; PMCID: PMC5985367. b. Rafaqat S, Gluscevic S, Mercantepe F, Rafaqat S, Klisic A. Interleukins: Pathogenesis in Non-Alcoholic Fatty Liver Disease. *Metabolites.* 2024 Mar 6;14(3):153. doi: 10.3390/metabo14030153. PMID: 38535313; PMCID: PMC10972081. c. Ali AL, Nailwal NP, Doshi GM. Emerging Role of Interleukins for the Assessment and Treatment of Liver Diseases. *Endocr Metab Immune Disord Drug Targets.* 2022;22(4):371-382. doi: 10.2174/1871530321666211124102837. PMID: 34819013. d. Ćurčić IB, Kizivat T, Petrović A, Smolić R, Tabll A, Wu GY, Smolić M. Therapeutic Perspectives of IL1 Family Members in Liver Diseases: An Update. *J Clin Transl Hepatol.* 2022 Dec 28;10(6):1186-1193. doi: 10.14218/JCTH.2021.00501. Epub 2022 Aug 15. PMID: 36381097; PMCID: PMC9634773. e. Udomsinprasert W. Interleukin-1 family cytokines in liver cell



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death: a new therapeutic target for liver diseases. *Expert Opin Ther Targets*. 2023 Jul-Dec;27(11):1125-1143. doi: 10.1080/14728222.2023.2285763. Epub 2023 Dec 7. PMID: 37975716.