

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 74833

Title: Review of clinical characteristics, immune responses and regulatory mechanisms of hepatitis-E-associated liver failure

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05965419

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2022-01-08

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-09 02:01

Reviewer performed review: 2022-01-15 12:54

Review time: 6 Days and 10 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input checked="" type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

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

The English writing of the manuscript is terrible. It is really strenuous to read an article like this. Tons of grammar/spelling mistakes throughout the manuscript need to be corrected and proofread by native speaker. To list a few here: "could only infected human (line 67)", "Susceptible populations infected by HEV usually through the fecal-oral route (line 95)", and "susceptible populations infected by HEV under low immunity, can be caused the performance of acute viral hepatitis (line 174)" etc. This manuscript is a simple listing of previously published results. I would rather see a review which could show a full picture of what is going on in HEV-related liver failure. For example, a model presentation may help explain the scenario in an easy way. In conclusion, the manuscript is unacceptable in its current status.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

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Reviewer's code: 00722050

Position: Peer Reviewer

Academic degree: FRCP (C), MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Canada

Author's Country/Territory: China

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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

The authors focus on Hepatitis E virus (HEV) and liver failure. Indeed, HEV is one of the most common acute injury factors of acute-on-chronic liver failure (ACLF). When HEV-related liver failure (LF) occurs, a series of changes occur in both the intrahepatic environment and the extrahepatic microenvironment. The review is well balanced but the title does not fully reflect the immunologic data reported by the authors. Minor misspelling and awkward sentence constructions should be addressed. The clinical characteristics should be expanded in the manuscript to fully grasp the authors' choice of the title. One note of immunologic relevance is the poor description of the NK cells, which needs to be expanded. The role of the inflammasome and the liver blood flow should also be addressed.