PEER-REVIEW REPORT

Name of journal: *World Journal of Hepatology*

Manuscript NO: 80120

Title: LIVER IMMUNITY, AUTOIMMUNITY AND INBORN ERRORS OF IMMUNITY

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02567669

Position: Editorial Board

Academic degree: MD

Professional title: Emeritus Professor

Reviewer's Country/Territory: Germany

Author's Country/Territory: Turkey

Manuscript submission date: 2022-09-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-24 18:50

Reviewer performed review: 2022-10-03 19:12

Review time: 9 Days

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [ ] Grade B: Minor language polishing [Y] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [Y] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer	Peer-Review: [Y] Anonymous [ ] Onymous

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

SPECIFIC COMMENTS TO AUTHORS

The authors made an effort to summarize current knowledge about the role of liver in the immunological network. Thus, they accumulated a lot of information, which is surely correct. However, for a reader who is not well familiar with immunology, the manuscript is very difficult to read and understand. May I suggest to add: Some subheadings or conclusions to guide the reader to understand the different mechanisms involved in innate immunity or adaptive immunity. Or to add some diagrams how different types immun cells act in regulation of immunity/autoimmunity. An eyecatcher is always welcome to brighten the plain text, e.g. histology in PBC or AIH with pertinent description.   Besides: There are numerous typographical errors in the text. Though I'm not a native speaker, I have the impression that the english/american english style must considerably be improved.

Scientific quality	[Y] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer	Peer-Review: [Y] Anonymous [ ] Onymous

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

SPECIFIC COMMENTS TO AUTHORS

Parlar et al wrote a narrative review aiming to illustrate the role of the liver in systemic immunity. I found that the paper is very exhaustive and analyzes in depth all aspects of liver immunity. Minor objections: 1) Some language corrections are necessary (for example short forms should be avoided). 2) Regarding the phenomenon of immune tolerance, this could explain why liver transplanted patients require a less aggressive anti-rejection therapy. Please discuss.

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Title: LIVER IMMUNITY, AUTOIMMUNITY AND INBORN ERRORS OF IMMUNITY

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03537167

Position: Peer Reviewer

Academic degree: MD

Professional title: Chief Technician, Research Scientist

Reviewer's Country/Territory: China

Author's Country/Territory: Turkey

Manuscript submission date: 2022-09-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-10-10 08:36

Reviewer performed review: 2022-10-19 10:03

Review time: 9 Days and 1 Hour

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [Y] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [ ] Grade B: Minor language polishing [Y] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [Y] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer	Peer-Review: [Y] Anonymous [ ] Onymous

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

SPECIFIC COMMENTS TO AUTHORS

The liver is the front line organ of the immune system and plays a central role for keeping homeostasis between inflammation and tolerance. This review mentioned the unique features of liver immunity and dysregulated immune responses in patients with autoimmune liver diseases who have close association with inborn errors of immunity have also been the emphases. But there are two outstanding problems in this manuscript that need to be corrected for publication: 1. There are too many spelling errors in the text;   2. The literature is too old and needs to be supplemented with new literature in the past five years.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Reviewer accepted review: 2022-10-24 05:59

Reviewer performed review: 2022-10-24 16:35

Review time: 10 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [Y] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [Y] Major revision [ ] Rejection
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

I'm surprised by the shortness of response to the reviewers' comments. Normally, the authors submit a revised version of a manuscript in which changes or corrections have been marked. I cannot download a document which includes the Figures. Is this only a technical problem?   Therefore, how can I evaluate, wheter the changes are sufficient to justify publication of the present version?