

Responses for Reviewers' Comments

Thank you for allowing us to review our manuscript for World Journal of Hepatology. We would like to extend the gratitude to the editor and reviewers for the time taken to review our manuscript. We appreciate the positive feedback received and remain aware of the limitations of our review. Please see below our response in a "point-by-point" fashion. We hope that we have adequately addressed your concerns and that you find this new optimized version suitable for publication in your esteemed journal.

Reviewer 1

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.

Answers: We have added 3 new figures including immune cell components of healthy liver, pathogenic pathways of primary biliary cholangitis and autoimmune hepatitis diseases in the revised final version of the review in order to attract your valuable readers. The typographical errors in the review were edited by the native English speaker.

Reviewers 2

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.

Answers: The typographical errors in the review were edited. The desired addition was made to the Immune Tolerance section.

Reviewers 3

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.

Answers: We've corrected the spelling errors in the text. If the language problems are clearly stated, we can make corrections accordingly.

Round 2

Reviewers

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, whether the changes are sufficient to justify publication of the present version?

Answers: We think that the 3 figures we added could not be displayed properly by you due to a technical error. Changes and corrections are marked, and you can view the final version with all 3 figures added in the revised final version in the mail and reply section.