# PEER-REVIEW REPORT

**Name of journal:** World Journal of Hepatology  
**Manuscript NO:** 66715  
**Title:** Role of immune dysfunction in drug induced liver injury  
**Reviewer’s code:** 05562720  
**Position:** Peer Reviewer  
**Academic degree:** MD, PhD  
**Professional title:** Assistant Professor  
**Reviewer’s Country/Territory:** Mexico  
**Author’s Country/Territory:** India  
**Manuscript submission date:** 2021-04-03  
**Reviewer chosen by:** AI Technique  
**Reviewer accepted review:** 2021-04-06 02:47  
**Reviewer performed review:** 2021-04-12 04:20  
**Review time:** 6 Days and 1 Hour

<table>
<thead>
<tr>
<th>Scientific quality</th>
<th>[Y] Grade A: Excellent</th>
<th>[ ] Grade B: Very good</th>
<th>[ ] Grade C: Good</th>
<th>[ ] Grade D: Fair</th>
<th>[ ] Grade E: Do not publish</th>
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<tbody>
<tr>
<td>Language quality</td>
<td>[ ] Grade A: Priority publishing</td>
<td>[Y] Grade B: Minor language polishing</td>
<td>[ ] Grade C: A great deal of language polishing</td>
<td>[ ] Grade D: Rejection</td>
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<td>Conclusion</td>
<td>[Y] Accept (High priority)</td>
<td>[ ] Accept (General priority)</td>
<td>[ ] Minor revision</td>
<td>[ ] Major revision</td>
<td>[ ] Rejection</td>
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<td>Re-review</td>
<td>[Y] Yes</td>
<td>[ ] No</td>
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<td>Peer-reviewer statements</td>
<td>Peer-Review: [Y] Anonymous</td>
<td>[ ] Onymous</td>
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<td>Conflicts-of-Interest: [ ] Yes</td>
<td>[Y] No</td>
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SPECIFIC COMMENTS TO AUTHORS
The review manuscript entitled Role of immune dysfunction in drug induced liver injury” by Sukumaran Sanjay et al, describes the mechanisms leading to DILI with a special focus on the immunological component, and how this adversely affects the development of DILI. The manuscript is well-written, is very interesting and describes the information in orderly manner citing relevant articles. The information summarized here certainly contributes to a better understanding on how the immune system is a determinant contributing factor to the development of DILI and possible to a bad outcome. There are a few minor comments however that would enhance the manuscript: The last section called “Adverse outcome” would be strengthen with the addition of a deeper explanation of the immune mediating mechanisms leading to those adverse outcomes “acute liver failure, cirrhosis and acute-on-chronic liver failure”. Especially the section of cirrhosis and ACLF would benefit from this. There are some minor grammatical errors and typos: For example, read carefully the following paragraph and you will realize there is something missing. “In normal individuals, DILI resolves completely without residual liver injury. But there are three major exceptions. They are acute liver failure (ALF), the development of chronic liver injury and cirrhosis and These conditions even though rare are severe and may result in death or require a liver transplant”. In this last sentence, it looks like reference 53 is duplicated, I am assuming you meant to cite ref 54?, also, please correct the format for those 3 references. Throughout the manuscript you cite them in superscripts, and these last 3 references are without. “This may be due to the activation of monocytes and macrophages in response to DAMPs, microbial toxins or drug adducts [19,53,53]”. 