

PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

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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

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Reviewer chosen by: AI Technique

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Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input 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 Grade E: Do not publish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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input 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="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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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 strengthened 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]".