

Name of Journal: World Journal of Gastroenterology

Manuscript NO: 49297

Manuscript Type: Review

Intestinal Permeability in the Pathogenesis of Liver Damage: from NAFLD to Liver Transplantation

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ANSWERING REVIEWERS

- There are no tables or figures in the paper. Maybe it would improve the understanding of the principles presented.

Thanks for your suggestion. Two explicative figures have been added to the text

- TJ and occludin play key roles. TIMPs and MMPs are also important. Discussions for TIMPs and MMPs should be added.

A paragraph on these topics with selected references have been added in the “pathogenesis of liver damage” section.

- Oxidative stress is important, and discussion should be more enhanced.

The discussion of the role of oxidative stress in the pathogenesis of liver damage has been deepened

- IL-10 also plays key roles. This point should be discussed.

Discussion on the importance of IL-10 has been added.

- What are the roles of dendritic and NKT cells

This topic has been rewritten in order to be more clear and specific

- You have a mistake in reference number.

Reference section has been double-checked.

- This kind of review articles need to be enriched with some figures, cartoons and illustrations to simplify the scientific content to the readers.

Two explicative figures have been added to the text

- I suggest to add a full paragraph on the association of gut microbiota with hepatocellular carcinoma which is an evolving hot topic for research, there is a number of recent articles published in 2019 for example, the article titled " A different gut microbiome linked to inflammation found in cirrhotic patients with and without hepatocellular carcinoma" published at the Ann Hepatol 2019 May, and many others on the pub med.

A paragraph on hepatocellular carcinoma has been added into the cirrhosis section.

- it may need for minor language review and editing

Manuscript has been edited according to your suggestions.

- may be you would be able to concentrate the scientific information and avoid the repetition.

The manuscript has been partially rewritten in order to make it more fluent.