



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 49297

Title: Intestinal permeability in the pathogenesis of liver damage: From non-alcoholic fatty liver disease to liver transplantation

Reviewer’s code: 05088164

Reviewer’s country: Romania

Science editor: Ruo-Yu Ma

Reviewer accepted review: 2019-05-21 07:22

Reviewer performed review: 2019-05-25 17:12

Review time: 4 Days and 9 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer’s expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This review presents the role of intestinal permeability in liver diseases. It is a well written article based on a large amount of references (213 titles). The title is reflecting well the content. The abstract summarizes in a correct manner the data presented in the



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review. The Introduction presents all the components of gut barrier preparing the ground for the paragraph dealing with the altered gut barrier in liver diseases and the role in NAFLD, cirrhosis and liver transplantation. The analysis of the evidences is well done and describe very well the role of alteration of gut barrier for liver pathology. There are no tables or figures in the paper. Maybe it would improve the understanding of the principles presented. The conclusions are supported by the data from the article. There are only very few editing errors that should be corrected before publishing. The use of the English language is correct and there is no need of language corrections. I consider that this article could be published after these small corrections.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- The same title
- Duplicate publication
- Plagiarism
- No

BPG Search:

- The same title
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- Plagiarism
- No



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 49297

Title: Intestinal permeability in the pathogenesis of liver damage: From non-alcoholic fatty liver disease to liver transplantation

Reviewer's code: 00054120

Reviewer's country: United States

Science editor: Ruo-Yu Ma

Reviewer accepted review: 2019-05-21 11:54

Reviewer performed review: 2019-05-26 15:54

Review time: 5 Days and 4 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	Peer-reviewer's expertise on the topic of the manuscript:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Minor revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Dear Authors; thank you for submitting this interesting review paper to the World Journal of Gastroenterology. Your review is very detailed, well-written and scientifically conducted literature search. I found it very informative and I am sure the readers in



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the field of GI will enjoy and benefit from reading it. I have few comments regarding the paper, it may need for minor language review and editing and may be you would be able to concentrate the scientific information and avoid the repetition. regards

INITIAL REVIEW OF THE MANUSCRIPT

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BPG Search:

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 49297

Title: Intestinal permeability in the pathogenesis of liver damage: From non-alcoholic fatty liver disease to liver transplantation

Reviewer's code: 03475120

Reviewer's country: Japan

Science editor: Ruo-Yu Ma

Reviewer accepted review: 2019-05-21 08:10

Reviewer performed review: 2019-05-27 04:06

Review time: 5 Days and 19 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input checked="" type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input checked="" type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

1. TJ and occludin play key roles. TIMPs and MMPs are also important. Discussions for TIMPs and MMPs should be added. 2. Oxidative stress is important, and discussion should be more enhanced. 3. IL-10 also plays key roles. This point should be discussed. 4.



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What are the roles of dendritic and NKT cells 5. You have a mistake in reference number.

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 49297

Title: Intestinal permeability in the pathogenesis of liver damage: From non-alcoholic fatty liver disease to liver transplantation

Reviewer's code: 03647931

Reviewer's country: Egypt

Science editor: Ruo-Yu Ma

Reviewer accepted review: 2019-05-21 11:45

Reviewer performed review: 2019-06-05 22:21

Review time: 15 Days and 10 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
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<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
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		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

his manuscript is very well written and informative, the language is clear, however, i have the following comments: 1- This kind of review articles need to be enriched with some figures, cartoons and illustrations to simplify the scientific content to the readers. 2-



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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.

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