



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 53130

**Title:** ROLE OF ALCOHOL IN PATHOGENESIS OF HBV INFECTION

**Reviewer's code:** 03021264

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Professor

**Reviewer's country:** China

**Author's country:** United States

**Manuscript submission date:** 2019-12-05

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2019-12-14 08:21

**Reviewer performed review:** 2019-12-16 13:52

**Review time:** 2 Days and 5 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 checked="" 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 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 checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**



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The article discussed the combined effects of alcohol and HBV-infection in the progression of liver diseases. Authors emphasized the synergistic effect of alcohol and Hepatitis B virus infection on progression of end-stage liver diseases and expounded the possible mechanisms. The review can improve the treatment options for the HBV-alcoholic patients. But the article content is too much, especially the first part of the introduction of HBV epidemiology and other content can be considered appropriate briefly.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- The same title
- Duplicate publication
- Plagiarism
- No

##### ***BPG Search:***

- The same title
- Duplicate publication
- Plagiarism
- No



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 53130

**Title:** ROLE OF ALCOHOL IN PATHOGENESIS OF HBV INFECTION

**Reviewer's code:** 03476641

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's country:** China

**Author's country:** United States

**Manuscript submission date:** 2019-12-05

**Reviewer chosen by:** Jie Wang

**Reviewer accepted review:** 2019-12-08 01:21

**Reviewer performed review:** 2019-12-17 22:06

**Review time:** 9 Days and 20 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
<input 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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

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This review summarizes the role of alcohol in pathogenesis of HBV infection systematically. It is of reference value to the research in this field.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

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##### ***BPG Search:***

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- Plagiarism
- No



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 53130

**Title:** ROLE OF ALCOHOL IN PATHOGENESIS OF HBV INFECTION

**Reviewer's code:** 03011757

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Postdoctoral Fellow, Surgeon

**Reviewer's country:** Canada

**Author's country:** United States

**Manuscript submission date:** 2019-12-05

**Reviewer chosen by:** Jie Wang

**Reviewer accepted review:** 2019-12-09 18:34

**Reviewer performed review:** 2019-12-19 13:19

**Review time:** 9 Days and 18 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 type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input 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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

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The review submitted by Genesan et al summarizes the current literature on how alcohol abuse promotes the progression of HBV-associated liver disease. The review is well written and the content is thoroughly and clearly arranged. There are some minor points the authors should address prior to publishing: 1) Figure 1 and Figure 2: Detailed description is missing in the figure legend. 2) The paragraph on HBV innate immunity is very extensive and would benefit from shortening - e.g. remove the basic description of DC etc. 3) Core tip: Worldwide, 1.5 billion people had chronic liver disease: please provide the year this number was imposed. 4) Introduction: Current treatment for chronic HBV patients...: I suggest to separately described the medical treatment form the surgical (liver transplantation). 5) Page 5: please revise: chronic hepatitis B are ranged from...; HBV infection is one of the major risk factors for the outcome to HCC. 6) Page 10, last paragraph: please revise: The first phase is the immune-tolerant...; In the second phase, the immune clearance phase, elevated serum ALT.... 7) Page 13: ...pro- and anti-inflammatory cytokine levels... 8) Page 14, second paragraph: hydrodynamic injection model of acute HBV (Yang et ...)

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##### ***BPG Search:***

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- Duplicate publication



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[ Y ] No



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 53130

**Title:** ROLE OF ALCOHOL IN PATHOGENESIS OF HBV INFECTION

**Reviewer's code:** 00068388

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Chief Doctor, Research Associate

**Reviewer's country:** China

**Author's country:** United States

**Manuscript submission date:** 2019-12-05

**Reviewer chosen by:** Jie Wang

**Reviewer accepted review:** 2019-12-07 08:20

**Reviewer performed review:** 2019-12-24 13:17

**Review time:** 17 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 type="checkbox"/> Grade B: Very good	<input checked="" 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 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:
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The article discussed the factors for the higher risk of liver diseases in alcohol-induced HBV pathogenies and suggest the areas for future studies in this field.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

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##### ***BPG Search:***

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- No