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### ESPS Peer-review Report

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

**ESPS Manuscript NO:** 10077

**Title:** Pathogenesis of alcoholic liver disease: role of oxidative metabolism

**Reviewer code:** 02860539

**Science editor:** Yuan Qi

**Date sent for review:** 2014-03-12 09:34

**Date reviewed:** 2014-03-20 17:23

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

### COMMENTS TO AUTHORS

Ceni and colleges have summarized the current understanding of the role of oxidative metabolism in alcoholic liver diseases. The review is well summarizing the multiple aspects of oxidative stress and their consequences on the progression of alcoholic liver diseases. However, few modifications need to be made before I can endorse it for publication. 1. All figures need a figure legend, which describes the main point of the figure. 2. Within the text the figures should be referred to as Figure1, 2 ect.

**ESPS Peer-review Report**
**Name of Journal:** World Journal of Gastroenterology

**ESPS Manuscript NO:** 10077

**Title:** Pathogenesis of alcoholic liver disease: role of oxidative metabolism

**Reviewer code:** 02860653

**Science editor:** Yuan Qi

**Date sent for review:** 2014-03-12 09:34

**Date reviewed:** 2014-03-21 20:34

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

**COMMENTS TO AUTHORS**

The manuscript titled 'Pathogenesis of alcoholic liver disease: role of oxidative metabolism' is quite interesting paper. The issue of oxidative stress is important point in discussion alcoholic liver lesion. Manuscript is well written, based on profound analysis of sufficient literature data. Manuscript has good potential for development novel antioxidative treatments and preventive measures. Minor revisions might be suggested to Authors to improve the scientific impact: ? The manuscript lacks classic structure of the review article. It is recommended to describe more clearly the hypothesis and focus on endpoints, conclusion, future outlooks, coherent with analysis in article body. ?Figures – expand legends, include reference in text.? Check for language, spelling, reference style.

# ESPS Peer-review Report

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

**ESPS Manuscript NO:** 10077

**Title:** Pathogenesis of alcoholic liver disease: role of oxidative metabolism

**Reviewer code:** 02860814

**Science editor:** Yuan Qi

**Date sent for review:** 2014-03-12 09:34

**Date reviewed:** 2014-03-23 01:46

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

# COMMENTS TO AUTHORS

I read with great interest the paper from Ceni et al concerning the role of oxidative metabolism in the pathogenesis of alcoholic liver disease. I think that this manuscript address a topic that will be of interest to readers. It is really a well-written analytical review focused on this item. The authors used the appropriate references and the figures are of great quality (need to include reference in the text). I suggest that a reference to the therapeutic options that have been described up to now, such as corticosteroids, pentoxifylline, silymarin extracts (milk thistle), S-adenosyl-L-methionine, N-acetylcysteine, etanercept, infliximab, interleukin-22, lipopolysaccharide (LPS) antibody, anakinra, emricasan, probiotics will improve the manuscript from the clinical point of view. It will be interesting to see how this potential treatment strategies for alcoholic liver disease are implicated with the pathophysiologic mechanisms described.

**ESPS Peer-review Report**
**Name of Journal:** World Journal of Gastroenterology

**ESPS Manuscript NO:** 10077

**Title:** Pathogenesis of alcoholic liver disease: role of oxidative metabolism

**Reviewer code:** 02860846

**Science editor:** Yuan Qi

**Date sent for review:** 2014-03-12 09:34

**Date reviewed:** 2014-03-23 19:03

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

**COMMENTS TO AUTHORS**

The manuscript titled 'Pathogenesis of alcoholic liver disease: role of oxidative metabolism' is a very interesting review. The authors well summarize ALD topic, looking up to every specific mechanisms leading to liver disease. I think that the Manuscript is well written, the rationale of the text is clear and the references are correct and appropriate. However I propose a minor revision before the publication. The quality of the figures is high, but they lack totally of any legend or reference in the text. I suggest to insert a conclusion, a focus on key points or future perspectives that will help to better understand the biological processes involved. At the end it is necessary to control the layout of the references.