

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 58092

Title: Overview of bile acid signaling in the cardiovascular system

Reviewer's code: 02936306

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: China

Manuscript submission date: 2020-07-06

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-08-09 06:30

Reviewer performed review: 2020-08-09 08:06

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" 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 Grade E: Do not publish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 type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

I think that the author's review article nicely described the relationship between bile acids and cardiovascular diseases. There are multiple grammar errors, for which I pointed out in the manuscript-some-correction. However, because of the many passive voices in writing, the author should revise the paper more.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 58092

Title: Overview of bile acid signaling in the cardiovascular system

Reviewer's code: 03293832

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Senior Research Fellow

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-07-06

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-08-09 02:51

Reviewer performed review: 2020-08-16 02:11

Review time: 6 Days and 23 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" 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 type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

The review manuscript by Zhang et al deal with rather unique topic, effects of bile acids and cardiovascular tissue, including clinical and experimental, in vivo and in vitro results. The contents will deserves publication if following points are improved.

1.Title is misleading. The present title "Increased serum bile acid level and cardiovascular function" imagines more clinically-oriented article. Change it to express the contents more appropriately. 2.The description about "cytotoxicity" in Introduction (P.3) and Figure 1 lacks references. It is just authors' personal judgement. Add more precise discussion together with references if authors want to leave the description of cytotoxicity. Otherwise, the manuscript will only spread a biased concept on bile acids. Alternatively, it may be allowable to move the description to the end of the review as a conclusion. 3.In Table 1, add the explanation of all abbreviations used in footnote. Tables and Figures should be understandable independently from the text. 4.Again, in Table 1, there is no explanation of LCT which is not found in the text. Is it LCA ? 5.Again, in Table 1 footnote, there is no corresponding words of TLCA (tauroolithocholic acid) CA (cholic acid), and UDCA (ursodeoxycholic acid) in Table 1. 6.BSEP stands for Bile Salt Export Pump, not bile salt output pump. 7.There are some irrelevant words in medical article, such as essay, interfacial activity, A 1983 study, etc. Go through English-edit by expert in medical writing before re-submission.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 58092

Title: Overview of bile acid signaling in the cardiovascular system

Reviewer's code: 03293832

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Senior Research Fellow

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-07-06

Reviewer chosen by: Pan Huang

Reviewer accepted review: 2020-09-29 09:56

Reviewer performed review: 2020-10-02 08:51

Review time: 2 Days and 22 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" 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 type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
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

SPECIFIC COMMENTS TO AUTHORS

My previous comments were addressed. I hope that the manuscript will be improved



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more as I suggested in the attached file.