



## PEER-REVIEW REPORT

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

**Manuscript NO:** 55794

**Title:** The role of betaine in liver disease-worth revisiting or has the die been cast?

**Reviewer's code:** 00199807

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** Turkey

**Author's Country/Territory:** United States

**Manuscript submission date:** 2020-05-21

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-05-21 07:31

**Reviewer performed review:** 2020-05-21 11:23

**Review time:** 3 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

Dear Editor, I reviewed the manuscript titled "The role of betaine in liver disease-worth revisiting or has the die been cast?". I think it can be accepted after minor revision. My comments: 1. Some explanations are needed for the relationship between betaine-choline and lipid metabolism in the liver, and the role of betaine-choline deficiency in the pathogenesis of fatty liver disease. Also, one sentence is needed for methionine-choline-deficiency and animal models of NASH. 2. References should be designed and written according to Journal's rules: a. *Biochimica et Biophysica Acta* b. *Open Translational Journal* c. *Mol Med Rep*. 2017; 16: 5225-5234 d. *...AIDS Rev.* e. *Am J Pathol* 2014; 184:2035-44 f. .... 3. A table that includes the studies about the betaine and NAFLD/NASH can be added to summarize the topic briefly.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

**Manuscript NO:** 55794

**Title:** The role of betaine in liver disease-worth revisiting or has the die been cast?

**Reviewer's code:** 00199807

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** Turkey

**Author's Country/Territory:** United States

**Manuscript submission date:** 2020-05-21

**Reviewer chosen by:** Pan Huang

**Reviewer accepted review:** 2020-08-28 04:23

**Reviewer performed review:** 2020-08-28 05:54

**Review time:** 1 Hour

<b>Scientific quality</b>	<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
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<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
<b>Peer-reviewer statements</b>	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

Dear Editor, This manuscript can be accepted in this revised form.