

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

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 Grade E: Do not publish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 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
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



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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

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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

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 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
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

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