

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Meta-Analysis*

**Manuscript NO:** 79120

**Title:** Maintaining the metabolic homeostasis of H. pylori through chronic hyperglycemia in diabetes mellitus: a hypothesis

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06279771

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

**Author's Country/Territory:** Russia

**Manuscript submission date:** 2022-08-04

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-08-04 14:45

**Reviewer performed review:** 2022-08-10 22:51

**Review time:** 6 Days and 8 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous
	Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No

### **SPECIFIC COMMENTS TO AUTHORS**

The authors have done a great job to provide an hypothesis of relationship between chronic hyperglycemia and H. pylori. The title, abstract, background are well described. However in their hypothesis, Authors appear to ignore the point that they is stated only briefly that H. pylori itself may be responsible for chronic hyperglycemia. In the literature, several other factors have been stated to be responsible for failure to eradicate H. pylori, these include age, genetics and microbiology, and these are not limited to diabetes patients. Hence as good as the authors have postulated, a lot still needs to be done on the link between H. pylori and hyperglycemia among diabetes

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**Peer-review model:** Single blind

**Reviewer's code:** 02623025

**Position:** Associate Editor

**Academic degree:** MD, MDS

**Professional title:** Professor

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

**Author's Country/Territory:** Russia

**Manuscript submission date:** 2022-08-04

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-08-10 09:04

**Reviewer performed review:** 2022-08-11 20:59

**Review time:** 1 Day and 11 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
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## SPECIFIC COMMENTS TO AUTHORS

Dear Editor, The authors propose that chronic hyperglycemia may trigger a series of pathophysiological mechanisms favoring resistance to eradication of H. Pylori in diabetic patients. Finally, they suggest an algorithm on the cure of patients with Diabetes Mellitus and H. Pylori. Although the review is detailed as regards the state of the art on the topic, the proposed hypothesis, which is partly supported by some articles cited, appears to be poorly supported by clear scientific evidences. There are different other possibilities on the pathophysiological mechanisms that may be at the basis of this association. The review had to be more detailed on the possible etiopathogenetic mechanisms by proposing a more extensive picture of the possible causes. Diabetes mellitus is a complex and multifactorial disease and this should always be emphasized also in the analysis of the comorbidities that may be present. The proposed conclusion and the algorithm do not present particular innovations or alternatives with respect to the treatment of these pathologies. The authors propose an unoriginal scheme without a clear proposal for innovation.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Peer-review model:** Single blind

**Reviewer's code:** 06279771

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

**Author's Country/Territory:** Russia

**Manuscript submission date:** 2022-08-04

**Reviewer chosen by:** Ji-Hong Liu

**Reviewer accepted review:** 2022-08-26 03:17

**Reviewer performed review:** 2022-08-26 03:31

**Review time:** 1 Hour

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<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</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [ ] Yes [Y] No

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

It is difficult to reassess the manuscript as authors have not stated the previous comments and how they addressed them. This should have been done either in highlighted text , track changes or bold text