



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 67059

Title: Helicobacter pylori eradication: exploring its impacts on the gastric mucosa

Reviewer's code: 04913316

Position: Peer Reviewer

Academic degree: AGAF, MD, PhD

Professional title: Full Professor, Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2021-04-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-14 07:08

Reviewer performed review: 2021-04-16 08:41

Review time: 2 Days and 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 Grade E: Do not publish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



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SPECIFIC COMMENTS TO AUTHORS

This is an interesting review exploring the changes of gastric mucosa (both at the macroscopic and microspopic level) following H. pylori eradication. The manuscript is interesting, and well written and I recommend it be accepted for publication Minor changes Avoid terms such as elimination or depletion. Eradication is more appropriate



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 67059

Title: Helicobacter pylori eradication: exploring its impacts on the gastric mucosa

Reviewer's code: 05224115

Position: Editorial Board

Academic degree: MD

Professional title: Research Fellow

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-04-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-16 00:43

Reviewer performed review: 2021-04-23 01:07

Review time: 7 Days

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
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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

This a review paper discussing *Helicobacter pylori* infection, focusing on exploring its impacts on the gastric mucosa. The authors have emphasized the importance of *H. pylori* infection, most especially as it is related to the gastric mucosa and the development of multiple gastric mucosa and extragastric diseases. I would like to commend the authors for the good-formatting of the manuscript, making it easier to read and follow through. I would like to make a few comments and suggestions. 1. The authors have touched on the endoscopic findings of the gastric mucosa in *H. pylori* infection. There are a few reported studies on the use of a novel endoscopic technique, endocytoscopy, in the assessment and evaluation of the gastric mucosa in *H. pylori*. I would recommend including these reports (One example: In vivo gastric mucosal histopathology using endocytoscopy. Sato H, et al. World J Gastroenterol) 2. Please have the manuscript rechecked by a native English speaker or a language-editing company, to make the English more consistent. For example, for Section 2.1, under the subsection "Changes of atrophy and intestinal metaplasia", the authors wrote "However, Kang JM et al founded AG was improved in corpus but not in antrum at same time.[41]" Please change "founded" to "found".



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 67059

Title: Helicobacter pylori eradication: exploring its impacts on the gastric mucosa

Reviewer's code: 04162659

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2021-04-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-15 18:02

Reviewer performed review: 2021-04-24 19:26

Review time: 9 Days and 1 Hour

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 checked="" 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



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SPECIFIC COMMENTS TO AUTHORS

The authors review the impact of eradication of *Helicobacter pylori* on gastric mucosa. This is an important topic and the authors have compiled a number of studies to reference. Specific comments; 1. The manuscript should be reviewed and corrected for English language and grammar, especially due to the syntax errors throughout the manuscript. 2. *H. pylori* is not italicized at least in one place (second last line on page 6). 3. On page 9, please explain: "However, although community structure can also be partly restored upon *H. pylori* elimination, whether the post-eradication and negative control groups still markedly differ remains highly controversial." 4. The section on gastric microbiota is not connected to the rest of the article. This section can be deleted as it does not add to the rest of the manuscript the way it is written. 5. The manuscript should include additional studies from different regions of the world. 6. The flow of the manuscript needs to be improved as in places it reads like information has been put in for various aspects without making proper connections.



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 67059

Title: Helicobacter pylori eradication: exploring its impacts on the gastric mucosa

Reviewer's code: 02522871

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2021-04-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-20 17:50

Reviewer performed review: 2021-04-30 14:40

Review time: 9 Days and 20 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 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
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SPECIFIC COMMENTS TO AUTHORS

The review entitled “*Helicobacter pylori* eradication: Exploring its impacts on the gastric mucosa” deals with endoscopic, histological and gastrointestinal microbiota changes related to *H. pylori* eradication. Despite the authors summarize the benefits associated with *H. pylori* eradication in a clear and coherent manner, I have some suggestions: In the discussion, the authors deal with the problem of *H. pylori* resistance to the common antibiotic therapy and cite the potential use of antimicrobial peptides as potential substitutes. Could the authors add more details about this and some information about the main novel treatments developed against *H. pylori*? The authors should extend the section introduction.