

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 86046

Title: Role of non-Helicobacter pylori gastric Helicobacters in H. pylori-negative gastric mucosa-associated lymphoid tissue lymphoma

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03766420

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Brazil

Manuscript submission date: 2023-05-28

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-06-17 14:25

Reviewer performed review: 2023-06-27 14:22

Review time: 9 Days and 23 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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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

In recent years, the role of non-*Helicobacter pylori* (nhph) in the development of *Helicobacter pylori* negative gastric MALT lymphoma and its response to bacterial eradication therapy have attracted increasing attention from researchers. This review explored the current understanding of the role of nhph in *Helicobacter pylori*-negative gastric MALT lymphoma and proposes future prospects, as well as their potential response to bacterial eradication therapy, which has some novelty and reference value.

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 01551432

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: Brazil

Manuscript submission date: 2023-05-28

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-06-28 09:00

Reviewer performed review: 2023-07-01 08:42

Review time: 2 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
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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

SPECIFIC COMMENTS TO AUTHORS

Dear Authors, Thank you for submitting the manuscript entitled, "Role of non-Helicobacter pylori gastric Helicobacters in H. pylori-negative gastric mucosa-associated lymphoid tissue lymphoma" in WJG. The manuscript is well written and compactly summarized, and the topic is interesting and sounds nice. However, some major criticisms should be addressed as below. Major) 1. What the reader most wants to know is why NHPH-positive cases of H. pylori-negative gastric MALT lymphoma often occur in patients who respond to eradication therapy. Furthermore, how is NHPH involved in the pathogenesis of MALT lymphoma? You state only that further research is needed to elucidate this, but what specific research and experiments should be done? Please add to your discussion. 2. I appreciate that in the section "Pathogenesis of Gastric MALT Lymphoma" in this paper, you specifically mention the association of H. pylori infection with the development of H. pylori-positive gastric MALT lymphoma, citing recent findings. Can the same be said of NHPH? 3. On the contrary, the NHPH infection rate is low (a few percent), which means that the majority of the remaining patients are not expected to benefit from eradication therapy. However,

there are some cases of NHPH-negative gastric MALT lymphoma that do respond to eradication therapy. Why is this, and isn't it possible that NHPH infection is present but just not identified? Or can we not assume that NHPH is just a trigger for carcinogenesis and that there are other multiple major factors in the subsequent sequence that lead to tumorigenesis? Please add your own opinions on this important subject to the section of discussion.

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05751232

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Brazil

Manuscript submission date: 2023-05-28

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-07-03 23:45

Reviewer performed review: 2023-07-04 00:38

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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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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

该文章选题新颖，阅读文献广泛，评论分析条例清晰，有良好的临床指导作用。

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Reviewer's code: 01551432

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: Brazil

Manuscript submission date: 2023-05-28

Reviewer chosen by: Xin-Liang Qu

Reviewer accepted review: 2023-07-19 04:54

Reviewer performed review: 2023-07-19 05:15

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	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

Dear Authors, Thank you for your submission of the revised version. The manu has been properly revised, and I think it is acceptable in WJG. Best regards,