

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 82965

**Title:** Helicobacter pylori plays a key role in gastric adenocarcinoma induced by spasmodic polypeptide-expressing metaplasia

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

**Peer-review model:** Single blind

**Reviewer's code:** 06475400

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Chief Physician, Doctor

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

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

**Manuscript submission date:** 2023-01-04

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-01-04 12:03

**Reviewer performed review:** 2023-01-04 13:09

**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 Grade E: Do not publish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
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

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

## SPECIFIC COMMENTS TO AUTHORS

In present review, authors shown the role of SPEM in gastric adenocarcinoma. I have several reservations; my comments are appended as below: 1. There are several pathway affecting the progression of SPEM in "SPEM is induced by the loss of parietal cells in combination with additional signals", please list a table to summarize these pathways and try to find possible potential connection among them. 2. There are many references that have not been added in "4. The progression from normal gastric mucosa to SPEM is dynamic and consecutive", please add. 3. Could you expand on the relationship between SPEM and macrophages? Does SPEM promote the polarization of macrophages, when? 4. Please talk about the relationship between IM and SPEM, for example, which one is more serious? Could them affect each other? etc. 5. Some references are too old, please change them. 6. Last but the most crucial opinion: the title of this review is "Helicobacter pylori plays a key role in SPEM-induced gastric adenocarcinoma", you need have a clear summary about how Helicobacter pylori affects gastric adenocarcinoma by SPEM, please add.

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**Reviewer's code:** 00030847

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2023-01-04

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-01-04 08:24

**Reviewer performed review:** 2023-01-12 02:17

**Review time:** 7 Days and 17 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
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

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	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

This review article is of value because it mentions factors involved in the development and proliferation of SPEM, which is an important issue when considering intestinal metaplasia and gastric carcinogenesis." The "Conclusions" could be more compact as it is a repetition of what is stated in the text. NMMG is also an agent that induces SPEM (Yamaguchi H, et al. Lab Invest 82:1045-1052,2002).