

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 74658

Title: Increased 5-hydroxymethylation is a favorable prognostic factor of *Helicobacter pylori* negative gastric cancer patients

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03017307

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Professor, Surgeon, Surgical Oncologist

Reviewer's Country/Territory: South Korea

Author's Country/Territory: China

Manuscript submission date: 2022-01-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-12 08:27

Reviewer performed review: 2022-01-13 01:26

Review time: 16 Hours

Scientific quality	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Very good <input type="radio"/> Grade C: Good <input type="radio"/> Grade D: Fair <input type="radio"/> Grade E: Do not publish
Language quality	<input checked="" type="radio"/> Grade A: Priority publishing <input type="radio"/> Grade B: Minor language polishing <input type="radio"/> Grade C: A great deal of language polishing <input type="radio"/> Grade D: Rejection
Conclusion	<input type="radio"/> Accept (High priority) <input checked="" type="radio"/> Accept (General priority) <input type="radio"/> Minor revision <input type="radio"/> Major revision <input type="radio"/> Rejection
Re-review	<input type="radio"/> Yes <input checked="" type="radio"/> No

Peer-reviewer statements	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

This study was conducted to explore the association between 5-hmC level and the progression and prognosis of gastric cancer patients who with or without H.pylori infection. There are few studies about H pylori methylation and gastric cancer. This work has an originality. The conclusions consistent with the evidence and arguments presented and do they address the main question posed. The references appropriated

Comments) 1)It needs to write IRB number. 2) The Figure 3 was written as figure 4
3) There is no full spells to the abbreviation in footnote on each table.

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Title: Increased 5-hydroxymethylation is a favorable prognostic factor of Helicobacter pylori negative gastric cancer patients

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05753119

Position: Peer Reviewer

Academic degree: BSc, MSc, PhD

Professional title: Doctor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2022-01-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-01 04:52

Reviewer performed review: 2022-02-11 19:13

Review time: 10 Days and 14 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 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 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="radio"/>] Anonymous [<input type="radio"/>] Onymous
	Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No

SPECIFIC COMMENTS TO AUTHORS

Title reflects the main subject of the manuscript. Abstract summarizes and reflects the work described in the manuscript. Key words reflects the focus of the manuscript. Introduction is enough for this manuscript. Material and methods are appropriate. Discussion is good. This study was conducted to explore the association between 5-hmC level and the progression and prognosis of gastric cancer patients who with or without H.pylori infection. In general, study design is good, study is original. 1) In this study, similarity is 31% so a bit high. Similarity of 15% or below is acceptable. Researchers must try to reduce similarity. 2) A few small size studies analyzed the association between 5-hmC levels and gastric cancer, but the evidence was far from enough [11,12], especially for the H.pylori induced gastric cancer. H.pylori must write as italic. 3) The Figure 3 was written as figure 4.