

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 41328

Title: Helicobacter pylori promotes the proliferation of gastric cancer through enhancing heparanase

Reviewer's code: 03009411

Reviewer's country: China

Science editor: Ruo-Yu Ma

Date sent for review: 2018-08-13

Date reviewed: 2018-08-18

Review time: 5 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	Peer-reviewer's expertise on the topic of the manuscript:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Minor revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Gastric cancer is one of the common leading cancers in the world, especially in China. Helicobacter pylori infection, an important factor associated with the occurrence and development of gastric cancer. The mechanism of H.pylori infection in the invasion and



**Baishideng
Publishing
Group**

7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

metastasis of GC is still unknown. The authors studied 99 patients with gastric cancer. They found that H. pylori infection is not only the primary factor involved in gastric cancer but is also involved in proliferation, invasion and metastasis of gastric cancer by upregulating HPA expression, which is likely mediated via activation of the MAPK signalling pathway. Preoperative H.pylori infection affects the prognosis of patients. All postoperative cases were followed up for 3 - 60 months in this study. What is the status of H.pylori infection of the patients after operation? Whether it can improve the prognosis of postoperative patients with H.pylori infection by eradication treatment?

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 41328

Title: Helicobacter pylori promotes the proliferation of gastric cancer through enhancing heparanase

Reviewer's code: 03551092

Reviewer's country: China

Science editor: Ruo-Yu Ma

Date sent for review: 2018-08-13

Date reviewed: 2018-08-18

Review time: 5 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is an interesting study to demonstrate H. pylori may promote the proliferation, invasion and metastasis of GC by increasing HPA expression that may associate with MAPK activation, And this study also show that the HPA was association with the

survival time of patients, Thanks for submitting it. After carefully reviewing your paper this reviewer has some comments regarding your paper. Please note below; 1. Our previous studies have shown the heparanase expression via the PI3K/Akt/NF- κ B signaling pathway for gastric cancer metastasis, whether H. pylori increased HPA expression also associate with via the PI3K/Akt/NF- κ B signaling pathway. 2. The grammar needs further retouching 3. The article show H. pylori infection and positive expression of HPA were both associated with lymph node metastasis and invasion in vivo experiment. So I suggest the invasion and metastasis of cell in vitro experiment should be added.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No