

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 49130

Title: Helicobacter pylori virulence genes

Reviewer's code: 02682861

Reviewer's country: United States

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-05-20 10:19

Reviewer performed review: 2019-05-23 13:18

Review time: 3 Days and 2 Hours

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	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" 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 type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The study is a excellent summary of various H. Pylori virulence genes and their role in pathogenesis. The text structure is very good and easy read. The limit of this work is the few population data available to evaluate the complex relationships among host genetics, the environment factors and the presence, as well as combinations, of various H. pylori



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
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virulence genes. The future directions are extend the investigations which could have a high impact clinical practice.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

- ☐ The same title
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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 49130

Title: Helicobacter pylori virulence genes

Reviewer's code: 00717554

Reviewer's country: Netherlands

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-05-24 19:40

Reviewer performed review: 2019-05-24 19:54

Review time: 1 Hour

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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input 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 type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

I would like to mention the following comments: 1- It might be better to divided into more subtitles such as: bacterial adhesins and toxins, children and adults, with their own prevalence, clinical significance, and potential relationships. 2- What is the difference of other genes with the previous groups? It should be explained. 3- It is better to



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summarize the characteristics of genes of each group in a table for children and adults, separately. 4- Were the combinations include all available combinations? Good Luck

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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 49130

Title: Helicobacter pylori virulence genes

Reviewer's code: 00183445

Reviewer's country: Poland

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-05-20 15:24

Reviewer performed review: 2019-05-28 14:28

Review time: 7 Days and 23 Hours

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

SPECIFIC COMMENTS TO AUTHORS

The manuscript meets the criteria of the new review article in the field of Helicobacter pylori virulence genes. However, some issues should be extended on the basis of the latest literature. Jones MD, Li Y, Zamble DB. Acid-responsive activity of the Helicobacter pylori metalloregulator NikR. Proc Natl Acad Sci USA. 2018, 115:8966-8971. Sallas ML,

Dos Santos MB, Orcini WA, David EB, Peruquetti RL, Payao SLM, Rasmussen LT. Status 9on/off) of oipA gene: their association with gastritis and gastric cancer and geographic origins. Arch Microbiol 2019, 201:93-97. Keel M et al., Helicobacter pylori vacA, cagA and iceA genotypes in dyspeptic patients from southern region, Saudi Arabia: distribution and association with clinical outcomes and histopatological changes. BMC Gastroenterol 2019, 19: 16. Sarma A, Saikia L, Gogoi M, Yadav K. Molecular characterization of virulent gene vacA in Helicobacter pylori clinical isolates from patients with gastroduodenal disease in Assam, India. Indian J Med Microbiol 2018, 36:178-185. Abdi E, Latifi-Navid S, Zahri S, Yazdanbod A, Safaralizadeh R. 2017. Helicobacter pylori genotypes determine risk of non-cardia gastric cancer and intestinal- or diffuse-type GC in Ardabil: A very high risk area in Northwestern Iran. Microb Pathog 2017, 107: 287-292.

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