

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 54808

**Title:** Novel virulence factor dupA of Helicobacter pylori as an important risk determinant for disease manifestation: An overview

**Reviewer's code:** 02536349

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Associate Professor, Doctor

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

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

**Manuscript submission date:** 2020-02-20

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-02-21 19:37

**Reviewer performed review:** 2020-02-22 13:02

**Review time:** 17 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
<b>Re-review</b>	<input 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



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#### **SPECIFIC COMMENTS TO AUTHORS**

dupA as a novel virulence gene since 2005 which may be related with the clinical outcome of H.pylori infection, even though there are contradictory findings. This is a review of 15 years' literature about the subject. It will help to raise the awareness of this gene and lead to new studies, indeed. This review deserve to be published in a more suitable journal.

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 54808

**Title:** Novel virulence factor dupA of Helicobacter pylori as an important risk determinant for disease manifestation: An overview

**Reviewer's code:** 00643598

**Position:** Editorial Board

**Academic degree:** BSc, MSc, PhD

**Professional title:** Senior Researcher

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

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

**Manuscript submission date:** 2020-02-20

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-02-21 12:27

**Reviewer performed review:** 2020-02-22 18:00

**Review time:** 1 Day and 5 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 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

This review discussed the relevance of duodenal ulcer promoting (dup)A gene of *Helicobacter pylori* in the pathogenesis of gastroduodenal diseases. Abstract Line 39: etc is not scientific and should be removed Introduction Line 72: "duodenal ulcer (DU), peptic ulcer.... ", since peptic ulcer includes DU the authors should write "duodenal ulcer (DU), gastric ulcer.... " At the end of Introduction the authors should add a section "Methods" where they should include the part reported in line 109-118, describing details of their search and also how they avoided duplicates. They could add as limits that this type of search is not able to detect congress abstracts. When the authors reported "Discrepancies of dupA with clinical outcomes" it should be better that the part beginning at line 194, dedicated to the technical approach, is separate from the epidemiologic part Line 174, in the study by Kim et al is there a classification for DU and GU or is only described peptic ulcer? It is better to highlight this point. Line 215 It begins with "The Tal. (2005)" please corrrige. Line 317 China is written china, please corrrige (and see other lines). Reference by Prof.Mégraud (1992) is very old. The same with its team has published a complete review in 2016. Please replace it with "Pellicano et al. A 2016 panorama of *Helicobacter pylori* infection: key messages for clinicians. Panminerva Med 2016;58:304-17". Reference 10. A good reference to report the relevance of the infection in developing countries is the review of Prof. Smith from Nigeria on WJG "Smith S. et al. Infections with *Helicobacter pylori* and challenges encountered in Africa. World J Gastroenterol 2019;25:3183-95". This could replace the old (2005) reference that discussed the issue in general terms. The reference number 1 is old (2000) and could be replaced by the more updated review "Benign and malignant gastroduodenal diseases associated with *Helicobacter pylori*: a narrative review and personal remarks in 2018. Minerva Gastroenterol Dietol 2018;64:280-96 " English

language requires a significant revision.

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 54808

**Title:** Novel virulence factor dupA of Helicobacter pylori as an important risk determinant for disease manifestation: An overview

**Reviewer's code:** 03009661

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2020-02-20

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-02-23 09:45

**Reviewer performed review:** 2020-02-23 12:20

**Review time:** 2 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<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 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



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#### **SPECIFIC COMMENTS TO AUTHORS**

This is a very good review paper, comprehensive analysis the DUPA. It has a good reference value for studying the toxicity of *Helicobacter Pylori*.