

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 55339

Title: Association between human leukocyte antigen gene polymorphisms and multiple EPIYA-C repeats in gastrointestinal disorders

Reviewer's code: 03408355

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor, Research Scientist

Reviewer's Country/Territory: China

Author's Country/Territory: Turkey

Manuscript submission date: 2020-03-12

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-05-09 23:55

Reviewer performed review: 2020-05-09 23:57

Review time: 1 Hour

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 Grade E: Do not publish
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="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Minor revisions were suggested.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 55339

Title: Association between human leukocyte antigen gene polymorphisms and multiple EPIYA-C repeats in gastrointestinal disorders

Reviewer's code: 03656612

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Turkey

Manuscript submission date: 2020-03-12

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-05-10 04:46

Reviewer performed review: 2020-05-10 07:35

Review time: 2 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
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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	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

The current study is to find the relationship of HLA subtype and H.pylori's cagA type with different gastric diseases, which are important and relevant to understand the mechanisms of gastric cancer. However, it is hard for me to read the manuscript because there was missed many space symbol in the text (maybe due to the systemic problem when uploading). But I could understand most content even in such situation. The following are some recommendations. 1. "The first study in a Turkish population" should be deleted in the title, if the authors do think their results are race-related, "Turkish" should be input somewhere in the title other than at the end. 2. The definition of groups in Fig.1&2 are not appropriate, control group are also patients group, as dyspepsia is a kind of GI disease and H.pylori infection is a kind of disease according to the H.pylori Kyoto consensus. 3. We need some pictures of HLA-PCR results to show the realness of the study. 4. How is the result relevant to the reality? Does that mean HLA type is not associated with H.pylori's outcome of gastric cancer? And the prevalence of gastric cancer in Turkey is associated with other factors?

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 55339

Title: Association between human leukocyte antigen gene polymorphisms and multiple EPIYA-C repeats in gastrointestinal disorders

Reviewer's code: 03769068

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Brazil

Author's Country/Territory: Turkey

Manuscript submission date: 2020-03-12

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-05-10 15:03

Reviewer performed review: 2020-05-10 15:50

Review time: 1 Hour

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

SPECIFIC COMMENTS TO AUTHORS

This is an interesting study. However, some issues must be clarified. 1) The title of the manuscript is very long and confusing. 2) The control group of the study is questionable. The group would give control if they were blood donors, for example. 3) The authors do not cite IL-17 (and related cytokines) as important for gastric carcinogenesis. 4) The authors should cite studies evaluating epiya and relatives of patients with gastric cancer. 5) In the introduction, I think the authors should cite possible regional and ethnic differences to justify the importance of the study. 6) In addition, studies that evaluated polymorphisms in genes encoding cytokines and other molecules of the immune response and gastric carcinogenesis could be presented. Some of these studies also look at virulence factors (including epiya). 7) Were patients with autoimmune diseases excluded from the study? 8) Did the authors sequence the epiya gene from any sample? If so, that should be in the paper. 9) The authors did not calculate the Hardy-Weinberg balance of the alleles. What's the reason? 10) The authors did not assess whether the alleles were linkage disequilibrium.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 55339

Title: Association between human leukocyte antigen gene polymorphisms and multiple EPIYA-C repeats in gastrointestinal disorders

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Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor, Research Scientist

Reviewer's Country/Territory: China

Author's Country/Territory: Turkey

Manuscript submission date: 2020-03-12

Reviewer chosen by: Man Liu

Reviewer accepted review: 2020-06-23 01:23

Reviewer performed review: 2020-06-23 01:26

Review time: 1 Hour

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
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Peer-reviewer statements	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



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No further comments.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 55339

Title: Association between human leukocyte antigen gene polymorphisms and multiple EPIYA-C repeats in gastrointestinal disorders

Reviewer's code: 03769068

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Brazil

Author's Country/Territory: Turkey

Manuscript submission date: 2020-03-12

Reviewer chosen by: Man Liu

Reviewer accepted review: 2020-06-23 17:52

Reviewer performed review: 2020-06-23 18:06

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
Language quality	<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
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SPECIFIC COMMENTS TO AUTHORS



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I am very satisfied with the authors' responses, as well as with the changes presented in the text.