

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 28286

Title: Helicobacter pylori inhibits the cleavage of TRAF1 via a CagA-dependent manner

Reviewer's code: 00227403

Reviewer's country: Italy

Science editor: Yuan Qi

Date sent for review: 2016-06-29 16:02

Date reviewed: 2016-08-07 00:03

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

-In the abstract, section methods, please specify the acronym "AGS" or clarify "human gastric cancer cell line AGS". -In the introduction, sentence "Our previous study showed that TRAF1 is upregulated by H. pylori infection in both gastric epithelial cells and mice." What do you mean? In both cellular and animal model? -At the end of the introduction, the authors should delete the sentence "In the present study, H. pylori infection was found to inhibit the cleavage of TRAF1 and inhibit the activation of caspase-8 in the presence of the apoptosis inducer. We also found that H. pylori virulence factor CagA is mainly involved in the H. pylori-mediated inhibition of TRAF1 cleavage. This would increase the relative amount of full-length TRAF1, which would present the antiapoptotic role rather than the proapoptotic role in the H. pylori-infected cells." And replace it with "aim of our work has been...." -In section RESULTS TRAF1 is cleaved via caspase-8 in AGS cells infected with H. pylori the sentence "To confirm the cleavage site of TRAF1 is located at aspartic acid 163 in the 160LVED163 motif, AGS cells were...." should be "To confirm that the cleavage site of....."? -An English revision is required.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 28286

Title: Helicobacter pylori inhibits the cleavage of TRAF1 via a CagA-dependent manner

Reviewer's code: 03551098

Reviewer's country: Iran

Science editor: Yuan Qi

Date sent for review: 2016-06-29 16:02

Date reviewed: 2016-08-10 02:17

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> [Y] Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> [Y] Grade B: Minor language polishing	<input type="checkbox"/> [] The same title	<input type="checkbox"/> [] High priority for publication
<input type="checkbox"/> [Y] Grade C: Good	<input type="checkbox"/> [] Grade C: A great deal of language polishing	<input type="checkbox"/> [] Duplicate publication	<input type="checkbox"/> [] Rejection
<input type="checkbox"/> [] Grade D: Fair	<input type="checkbox"/> [] Grade D: Rejected	<input type="checkbox"/> [Y] No	<input type="checkbox"/> [] Minor revision
<input type="checkbox"/> [] Grade E: Poor		BPG Search:	<input type="checkbox"/> [] Major revision
		<input type="checkbox"/> [] The same title	
		<input type="checkbox"/> [] Duplicate publication	
		<input type="checkbox"/> [] Plagiarism	
		<input type="checkbox"/> [Y] No	

COMMENTS TO AUTHORS

I recommend this manuscript as a brief article.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 28286

Title: Helicobacter pylori inhibits the cleavage of TRAF1 via a CagA-dependent manner

Reviewer's code: 02941672

Reviewer's country: Japan

Science editor: Yuan Qi

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Date reviewed: 2016-08-11 13:40

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

The following are comments and questions to authors. I hope to take consideration for further improvement. 1, The detailed characteristics of AGS cell and the reason why this cell line was selected needs to be explained. 2, The author revealed TRAF1 was cleaved by apoptosis inducer and it was attenuated by caspase-8 inhibitor. Do you have data that caspase-8 itself cleaved TRAF1? 3, In Figure 1D, the H.pylori seems to act like apoptosis inducer (TNF-a+CHX). If H.pylori inhibits TRAF1 cleavage, TRAF1-C ought not to appear in 2nd lane from the left. 4, In Figure 2B, TRAF1-C with H.pylori increased cell apoptosis. This is in contradiction with the hypothesis that H.pylori inhibits TRAF1 cleavage, because TRAF1-C production should decrease if H.pylori inhibits TRAF1 cleavage. 5, For easy understanding, correlation diagram in H.pylori and TRAF1 cleavage had better be presented.