

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 16663

Title: Demethylation of Tumor Necrosis Factor- α Converting Enzyme Promoter Associated with high HBeAg level in HBeAg positive chronic hepatitis B

Reviewer's code: 00069855

Reviewer's country: United States

Science editor: Yuan Qi

Date sent for review: 2015-01-27 09:58

Date reviewed: 2015-02-09 13:34

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	PubMed Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" 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 checked="" type="checkbox"/> No	<input checked="" 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 checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Your manuscript presented some useful data that showed aberrant demethylation of TACE promoter existed in HBeAg positive CHB and associated with high HBeAg level. This might potentially serve as a biomarker for HBeAg seroconversion. The research design, and the data analysis and statistics are reasonable. The research protocol was approved by institutional ethic committee and signed informed consent was obtained from participants. However, there are number of writing and concept concerns for in this manuscript: (1) The meanings of "methylation" and "demethylation" are easy to induce confusion. According to your statement of "DNA methylation is one of the most important epigenetic mechanisms", as if DNA methylation is related to the occurrence of some diseases. However, the results showed that methylation in normal people is higher than that in patients with HBeAg positive CHB. This should indicate certain DNA methylation is a health biomarker, and demethylation is a biomarker for HBeAg positive CHB. If so, please explain the mechanism of demethylation in the text. (2) All numbers at the start of sentence are better to used English rather than Arabic, or you can avoid putting numbers at the beginning of a sentence. (3)



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Writings in whole manuscript need to be checked and improved. For example: before all of [], there should be a space.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 16663

Title: Demethylation of Tumor Necrosis Factor- α Converting Enzyme Promoter Associated with high HBeAg level in HBeAg positive chronic hepatitis B

Reviewer's code: 00071717

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	PubMed Search:	<input checked="" type="checkbox"/> [Y] Accept
<input checked="" type="checkbox"/> [Y] Grade B: Very good	<input checked="" type="checkbox"/> [Y] 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"/> 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 checked="" 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 checked="" type="checkbox"/> [Y] No	

COMMENTS TO AUTHORS

Some minor concerns occur; 1-In the discussion section, page 11, authors mentioned as "TACE demethylation might participate in the progression of HBV infection and induced liver damage", it should be as "methylation". Check and correct it. 2-Abbreviations in tables should be annotated in the table descriptions.