

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 24719

Title: Genomic change in hepatitis B virus associated with development of hepatocellular carcinoma

Reviewer's code: 01560464

Reviewer's country: China

Science editor: Yuan Qi

Date sent for review: 2016-02-02 09:31

Date reviewed: 2016-02-02 12:41

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input 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 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 checked="" type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input 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

1)The whole X, S, basal core promoter (BCP), and precore regions of HBV from patient's serum or liver tissue samples were sequenced using the direct sequencing method. The results showed that the presence of T1753V mutation in HBV X-gene significantly increased the risk of HCC development in patients chronically infected with genotype C HBV. It is important value to reveal the role of T1753V mutation in HBV X-gene in the development of HCC. 2)The design ,method and results of the retrospective cohort study are reasonable and credible . I suggest that the article can be published in the form of retrospective study in World J Gastroenterology.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 24719

Title: Genomic change in hepatitis B virus associated with development of hepatocellular carcinoma

Reviewer's code: 02444743

Reviewer's country: China

Science editor: Yuan Qi

Date sent for review: 2016-02-02 09:31

Date reviewed: 2016-02-20 18:46

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

COMMENTS TO AUTHORS

This was retrospective study of gene changes of 240 CHB patients infected with genotype C HBV and HCC in Korea, the study found that T1753V mutation in HBV X-gene significantly increases the risk of HCC. Even if the current study had longer follow-up period (1-237 months), the patients sample and follow-up duration is also short for patients from CHB to HCC. In addition, some comment should be concerned. 1. This study included 240 patients with CHB, but "N = 234" in Table 1, why? 2. If n=240, the number of patents with C1653T mutation in the X region is 25, the rate of mutation is 25/240= 10%; not 12%, T1753V is 14% not 15%; and so on. 3. The "mutation in the X region, T1753V, was seen in 15% (n = 33)" in text, but n=32 in Figure 3, why? Wild type is 175, what is wild type? 4. The results of "Effects of combined mutations in HBV genome on HCC development" and Figure 4 legend should be revised. For example, "Patients with both BCP A1762T/G1764A mutations also had a significantly higher occurrence rate of HCC (P < 0.05) (Figure 4B)", it is confused.