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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 20133
Title: Significance of hepatitis virus infection in the oncogenic initiation of hepatocellular carcinoma
Reviewer's code: 00698957
Reviewer's country: Japan
Science editor: Jing Yu
Date sent for review: 2015-06-01 08:34
Date reviewed: 2015-06-17 18:49

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

COMMENTS TO AUTHORS

The manuscript is well written for hepatocarcinogenesis by chronic infection of HBV and HCV, and should be great impact to HCC researchers. The concerns are following; 1. On page 3, line 17, aflatoxin B should be aflatoxin B1. 2. On page 15, line 26, down regulated should be down-regulated. If there is the hypothesis/your idea of gender difference in HCC development, please introduce it.

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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 20133
Title: Significance of hepatitis virus infection in the oncogenic initiation of hepatocellular carcinoma
Reviewer's code: 00068723
Reviewer's country: Japan
Science editor: Jing Yu
Date sent for review: 2015-06-01 08:34
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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[ ] Accept
[ ] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[Y] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[Y] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

This review focused on HCC and hepatitis virus (HBV and HCV). This review is well-organized and informative. Are there any clinical significances of the integration of HBV DNA in bone marrow hematopoietic stem cells? Are there any diseases of the HBV infection of bone marrow hematopoietic stem cells? It is understandable that integration of HBV genome causes HCC. Still many HCC patients are accompanied with liver cirrhosis. How does chronic inflammation affect the carcinogenesis of HCC in HBV patients? Are the same mechanisms as HCV involved in the carcinogenesis of HCC? Regarding cancer stem cell markers. Are the stem cell markers different between HBV and HCV? If so, would the difference indicate the difference of carcinogenesis between HBV and HCV? Transgenic animal models are different species from human. In the future, hepatocytes differentiated from human induced pluripotent stem cells may be useful for experiments of carcinogenesis of HBV and HCV.