

ESPS JOURNAL EDITOR-IN-CHIEF'S REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 16083

Title: Hepatitis B virus genotypes and genome characteristics in China

Journal Editor-in-Chief (Associate Editor): Anna Kramvis

Country: South Africa

Editorial Director: Jin-Lei Wang

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ACADEMIC CONTENT EVALUATION	LANGUAGE QUALITY EVALUATION	CONCLUSION
[] Grade A: Excellent	[] Grade A: Priority publishing	[] Accept
[] Grade B: Very good	[] Grade B: Minor language polishing	[] High priority for publication
[] Grade C: Good	[Y] Grade C: A great deal of language polishing	[Y] Revision
[Y] Grade D: Fair	[] Grade D: Rejected	[] Rejection
[] Grade E: Poor		

JOURNAL EDITOR-IN-CHIEF (ASSOCIATE EDITOR) COMMENTS TO AUTHORS

The English language needs revision. Add page and line numbers. There are also a number of inconsistencies that need correction. Hepadnaviridae should be in italics. The latest figures for CHB is 240 million not 400 million see WHO fact sheet: WHO. Hepatitis B Fact sheet no 204. 2014 February 2015]; Available from: <http://www.who.int/mediacentre/factsheets/fs204/en/>. Subtype refers to serological subtypes and not to subgenotypes. Please correct throughout the manuscript. Please refer to Kramvis, A., M. Kew, and G. Francois, Hepatitis B virus genotypes. Vaccine, 2005. 23(19): p. 2409-23 for definitions. The first sentence under paragraph on start and stop codons does not make sense. Abandoned the incomplete sequences (< 3215 bp), the start and stop codons from 197 B2 genotype sequences and 439 C2 genotype sequences were analyzed. Please correct. More than one isolate is required in order to classify a strain as a new subgenotype. Refer to Kramvis, A., Genotypes and genetic variability of hepatitis B virus. Intervirology, 2014. 57(3-4): p. 141-50. for latest genotype/subgenotype classification criteria and guidelines. What is meant by the following sentence: Furthermore, some study suggested that the correlation between the PreS2 start codon mutation and hepatocirrhosis was either liver cancer progression or active DNA replication[65]. Correct the following sentences: We further analysis the termination codon usage bias in genotype B2 and C2 by RNAdraw software to predict RNA secondary structure of the HBsAg protein. Subtype B2 with TAA termination codon might be more stable than subtype C2 with TGA termination codon because of base paired. Codon usage bias is the disequilibrium phenomenon of synonymous



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codon usage, which encoding of the same kinds of amino acids in biological.