

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6913

Title: Genetic diversity of hepatitis B virus lineages in human and nonhuman hosts: potential for bidirectional cross-species transmission

Reviewer code: 02455686

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-10-31 11:59

Date reviewed: 2013-11-26 22:36

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

Bonvicino et al 2013 Congratulations on this interesting and important work! I found it left me wanting a little more and to that end have several questions: 1. What was the search strategy used to capture the papers cited in this review? In which databases was it conducted? What were the inclusion/exclusion criteria for papers? Were any papers captured excluded, and if so, how many, and why? 2. In the section on infection in Old World primates, you state 'Strong phylogenetic associations of chHBV with chimpanzee subspecies and their geographic distribution have been found'. (Page and line numbers would be helpful!) How do you define a strong phylogenetic association? Further in the paragraph you state that chimpanzees constitute putative reservoirs of infectious agents. To support this statement, an estimate of prevalence of infection would be very helpful. Again, congratulations on this very interesting work!

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Name of Journal: World Journal of Gastroenterology

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Title: Genetic diversity of hepatitis B virus lineages in human and nonhuman hosts: potential for bidirectional cross-species transmission

Reviewer code: 02539179

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-10-31 11:59

Date reviewed: 2013-12-09 23:40

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

1. While comprehensive evidence of HBV-like infection in nonhuman mammals were listed and discussed, the potential importance of these infection on the HBV infection in human being were not well highlighted. The WJG readers must be more interested in whether other hepatitis virus strains or growing strains from nonhuman mammals would induce hepatitis B in human being, or whether non-human mammals can be infected by human hepatitis B virus, thus they may serve as hepatitis B models. 2. Transmission pathways should also be discussed, as it is well known that HBV spreads through blood and other body liquids. 3. The manuscript must be shorten in great effort to fit the scope and the requirement of WJG, and have to be more disease-related.