

ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 11553

Title: Experimental infection of Z:ZCLA Mongolian gerbils with human hepatitis E virus

Reviewer code: 01560031

Science editor: Ya-Juan Ma

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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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input checked="" type="checkbox"/> Major revision

COMMENTS TO AUTHORS

The paper is interesting, however some problems remain to be clarified. Major points: 1) In the clinical setting, the value of ALT elevates very high in acute E type hepatitis. Concerning the elevation of ALT value in the inoculated group, the value is not so high. How do the authors think about that? 2) Concerning the value of ALT in figure 1, is it the average of the inoculated group or is it the value of ALT of the representative case? The authors should clarify that point and the number of cases showing the value of ALT in the inoculated group. After that, the authors should make table 2 according to the analysis. 3) The authors should describe the nucleic acid sequence of the patient's serum and the inoculated group's serum. After that, the authors should confirm the concordance of the nucleic acid sequence between the patient's serum and the inoculated group's serum. 4) The authors should analyze the titer of IgA type antibodies of HEV and IgM type antibodies of HEV in addition to IgG type antibodies of HEV. 5) The authors should describe the value of another liver function such as ASL, ALP and Bil in the inoculated group.