



## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 77634

**Title:** Heterogeneity of immune control in chronic hepatitis B virus infection: Clinical implications on immunity with interferon- $\alpha$  treatment and retreatment

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 04611317

**Position:** Peer Reviewer

**Academic degree:** MD, MSc, PhD

**Professional title:** Associate Professor, Chief Physician

**Reviewer's Country/Territory:** Thailand

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-05-10

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-05-11 05:27

**Reviewer performed review:** 2022-05-16 08:21

**Review time:** 5 Days and 2 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="checkbox"/> ] Anonymous [ <input type="checkbox"/> ] Onymous Conflicts-of-Interest: [ <input type="checkbox"/> ] Yes [ <input checked="" type="checkbox"/> ] No
---------------------------------	---

### **SPECIFIC COMMENTS TO AUTHORS**

The overall scientific information of the manuscript is good. There are some points to be added to make the article more valuable to the readers, such as the summarized table for the outcome of INF-a treatment in CHB and also including the re-treatment strategy. Table 2 is too complex to understand and does not assist the reader in understanding the clinical implications of interferon treatment and retreatment. 3, host genetic variants associated with IFN-a therapy, which ways of the association for INF-a treatment? For table 3, the description of the abbreviation could not be understood. For table, it should be "table," not "table." It should be IFN-a retreatment for FN-a retreatment. The citation for table 3 in the text is [43,44,74-78] but in the table itself it is [43, 74, 87]. Why the difference? I recommend that the authors include the IFN-a retreatment in "IMPROVEMENT OF HBV-SPECIFIC IMMUNE CONTROL BY IFN- RETREATMENT" and revise this section for completeness. The English grammar needed to be polished. The reference format was not precise as a whole, such as "1. Revill PA, Chisari FV, Block JM, Dandri M, Adam J Gehring , Guo H, et al. A global scientific strategy to cure hepatitis B. Lancet Gastroenterol Hepatol 2019; 4: 545-558. [ PMCID: PMC6732795 DOI: 10.1016/S2468-1253(19)30119-0], 2 Rehermann B, Thimme R. Insights From Antiviral Therapy into Immune Responses to Hepatitis B and C Virus Infection. Gastroenterology. 2019; 156: 369-383. [PMID: 30267712 DOI: 10.1053/j.gastro.2018.08.061]", please recheck again.



## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 77634

**Title:** Heterogeneity of immune control in chronic hepatitis B virus infection: Clinical implications on immunity with interferon- $\alpha$  treatment and retreatment

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05584775

**Position:** Editorial Board

**Academic degree:** MBBS, MD

**Professional title:** Assistant Professor

**Reviewer's Country/Territory:** United States

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-05-10

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-07-19 21:36

**Reviewer performed review:** 2022-07-22 20:59

**Review time:** 2 Days and 23 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
**https://**www.wjgnet.com

<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="checkbox"/> ] Anonymous [ <input type="checkbox"/> ] Onymous Conflicts-of-Interest: [ <input type="checkbox"/> ] Yes [ <input checked="" type="checkbox"/> ] No
-------------------------------------	---

### **SPECIFIC COMMENTS TO AUTHORS**

I have attached a file suggesting minor revisions. It will benefit the readers if the article can be made more concise and some redundant/ repetitive information can be clubbed together.