### PEER-REVIEW REPORT

**Name of journal:** World Journal of Virology  
**Manuscript NO:** 75875  
**Title:** Cautious optimism in anticipation of hepatitis B curative therapies  
**Provenance and peer review:** Invited Manuscript; Externally peer reviewed  
**Peer-review model:** Single blind  
**Reviewer’s code:** 05771318  
**Position:** Peer Reviewer  
**Academic degree:** MD  
**Professional title:** Doctor  
**Reviewer’s Country/Territory:** China  
**Author’s Country/Territory:** United States  
**Manuscript submission date:** 2022-02-19  
**Reviewer chosen by:** AI Technique  
**Reviewer accepted review:** 2022-02-26 03:04  
**Reviewer performed review:** 2022-03-07 07:42  
**Review time:** 9 Days and 4 Hours  

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<th>Scientific quality</th>
<th>[ ] Grade A: Excellent</th>
<th>[ ] Grade B: Very good</th>
<th>[ ] Grade C: Good</th>
<th>[ ] Grade D: Fair</th>
<th>[ ] Grade E: Do not publish</th>
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<td>Language quality</td>
<td>[ ] Grade A: Priority publishing</td>
<td>[ ] Grade B: Minor language polishing</td>
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<td>Conclusion</td>
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<td>[ ] Onymous</td>
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SPECIFIC COMMENTS TO AUTHORS
1. Since Bueviride is effective in patients with HBV/HDV co-infection, why is it not effective in patients with HBV? 2. When taking Bueviride, the bile production of HBV patients increased and the viral load rebounded. The therapeutic effect of Bueviride on patients with HBV/HDV co-infection only inhibits HDV but has no effect on HBV? 3. More literature is needed to search to understand the molecular mechanism of these new treatments and the possibility of curing hepatitis B.
Name of journal: World Journal of Virology
Manuscript NO: 75875
Title: Cautious optimism in anticipation of hepatitis B curative therapies
Provenance and peer review: Invited Manuscript; Externally peer reviewed
Peer-review model: Single blind
Reviewer’s code: 04025443
Position: Editorial Board
Academic degree: MD, PhD
Professional title: Doctor, Senior Researcher
Reviewer’s Country/Territory: Russia
Author’s Country/Territory: United States
Manuscript submission date: 2022-02-19
Reviewer chosen by: Xin Liu
Reviewer accepted review: 2022-04-15 06:17
Reviewer performed review: 2022-04-16 11:25
Review time: 1 Day and 5 Hours

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| Re-review          | [ Y] Yes                     | [ ] No |

| Peer-reviewer      | Peer-Review: [ Y] Anonymous | [ ] Onymous |
SPECIFIC COMMENTS TO AUTHORS
Dear authors! Thank you for your thoughtful comments on the paper by Leowattana W et al published recently in World J Virol. The truth is born of argument, and thus any discussion can contribute to a better understanding of the problem. I have only a few minor comments:
1) Page 2, line 25: international consensus on the goals of HBV treatment defines several types of "cure", and "functional cure" is already possible. Please, add "sterilizing" to be consistent with the international definitions.
2) Page 3, line 15: It seems that Blank et al studied plasma bile acids concentration, not "bile production". Please, check and correct appropriately.
PEER-REVIEW REPORT

Name of journal: World Journal of Virology

Manuscript NO: 75875

Title: Cautious optimism in anticipation of hepatitis B curative therapies

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 03793940

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Director, Professor

Reviewer’s Country/Territory: China

Author’s Country/Territory: United States

Manuscript submission date: 2022-02-19

Reviewer chosen by: Xin Liu

Reviewer accepted review: 2022-04-12 23:51

Reviewer performed review: 2022-04-24 23:43

Review time: 11 Days and 23 Hours

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SPECIFIC COMMENTS TO AUTHORS
I think the author’s viewpoint was acceptable.
**Name of journal:** World Journal of Virology

**Manuscript NO:** 75875

**Title:** Cautious optimism in anticipation of hepatitis B curative therapies

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

**Peer-review model:** Single blind

**Reviewer’s code:** 05190007

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Doctor, Professor

**Reviewer’s Country/Territory:** Egypt

**Author’s Country/Territory:** United States

**Manuscript submission date:** 2022-02-19

**Reviewer chosen by:** Xin Liu

**Reviewer accepted review:** 2022-04-16 00:36

**Reviewer performed review:** 2022-04-26 21:39

**Review time:** 10 Days and 21 Hours

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SPECIFIC COMMENTS TO AUTHORS
Turshudzhyan and Tadros wrote a letter to the editor entitled Cautious optimism in anticipation of hepatitis B curative therapies The title reflects the main subject. The style, language, and grammar are accurate and appropriate. The abstract summarizes and reflects the work described. Finally, the manuscript appropriately cites the latest references. However, a few concerns should be raised. Abstract: - What is meant by healthy patients? - Hepatitis B population is not the opposite of what was termed healthy patients, if appropriate. Keywords: - Many keywords were cited; please summarize the most important Page 4 and page 5: Leowattana et al.----- add the reference "Leowattana et al. [1]"