



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Hepatology

**Manuscript NO:** 65350

**Title:** Why is there no effective Hepatitis C Virus vaccine yet?

**Reviewer's code:** 04417620

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Postdoc

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

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

**Manuscript submission date:** 2021-03-04

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-03-05 05:24

**Reviewer performed review:** 2021-03-06 20:04

**Review time:** 1 Day and 14 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input 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



**Baishideng  
Publishing  
Group**

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

#### **SPECIFIC COMMENTS TO AUTHORS**

This review article entitled "In the era of rapid mRNA-based vaccines: Why is there no effective Hepatitis C Virus vaccine yet?" is very interesting, extensive effort and can be accepted for publication after incorporating one minor suggestion. Discussion on the role of computational vaccine design strategies to design a highly conserved and effective HCV vaccine candidate will improve the manuscript.



### PEER-REVIEW REPORT

**Name of journal:** World Journal of Hepatology

**Manuscript NO:** 65350

**Title:** Why is there no effective Hepatitis C Virus vaccine yet?

**Reviewer's code:** 03475479

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor

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

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

**Manuscript submission date:** 2021-03-04

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-03-04 22:51

**Reviewer performed review:** 2021-03-07 13:28

**Review time:** 2 Days and 14 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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" 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



**Baishideng  
Publishing  
Group**

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

#### **SPECIFIC COMMENTS TO AUTHORS**

Authors reviewed challenges about anti-HCV vaccine and discussed future possibilities to apply the vaccine. This article was well-addressed and well-written. But, as authors mentioned, DAAs for HCV has been developed and widely used. Vaccines in less-endemic status has smaller values for effective protection. Authors should also discuss economic significance in HCV vaccine.