

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 63529

Title: New Hope for Hepatitis C Virus: Summary of Global Epidemiologic Changes and Novel Innovations Over 20 Years

Reviewer's code: 05703005

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: United States

Manuscript submission date: 2021-01-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-01-29 09:15

Reviewer performed review: 2021-01-29 09:55

Review time: 1 Hour

Scientific quality	<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 Grade E: Do not publish
Language quality	<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
Conclusion	<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
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	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

This review article provides a good summary of the progress made in HCV to the DAA era and then discusses the potential for global elimination and barriers in achieving this - it needs further development to address the following areas :- Major Structurally - elements of the global epidemiological trends would be better placed in the HCV virology section (transmission, viral course etc) Further discussion regarding determination of SVR at 12/52 as indicating viral cure would be of value as this has changed over time Some discussion regarding HCC risk and DAA therapy should be included given the controversy of this topic at the time A discussion regarding DDIs and determining optimal pan genotypic selection would be of interest When considering global elimination of HCV - there needs to be discussion regarding implementation of effective screening programs targeting at risk populations - there are a number of models that could be proposed that are utilised around the world Whilst DAAs are effective at treating patients with HCV - for an elimination strategy, one could argue that the development of a vaccine may be of greater benefit in achieving this strategy. This should be discussed in the context of recent developments in HCV vaccine field. Minor Few typos throughout velpatasvir Would revise first sentence of global epidemiological trends section Second paragraph page 2 - 'declaring itself' is incorrect terminology Figure 1 may be better presented as a map Table 1 - should include glecaprevir, pibrentasvir and voxilaprevir

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 63529

Title: New Hope for Hepatitis C Virus: Summary of Global Epidemiologic Changes and Novel Innovations Over 20 Years

Reviewer's code: 02942287

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Iran

Author's Country/Territory: United States

Manuscript submission date: 2021-01-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-01-30 08:14

Reviewer performed review: 2021-01-31 18:48

Review time: 1 Day and 10 Hours

Scientific quality	<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
Language quality	<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
Conclusion	<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
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	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
<https://www.wjgnet.com>

SPECIFIC COMMENTS TO AUTHORS

The present study is a well-written review on HCV epidemiological changes, new treatments, and inequalities in access to care. The subject has a high priority for publishing, given the inadequate HCV care programs worldwide and the urgent need for policy change, particularly in low and middle-income regions. Overall, I found the manuscript suitable for publication; however, major revisions are required. 1.

Authors need to expand on the feasible ways for scaling up HCV elimination efforts in resource-limited settings. There are many examples of integrated HCV care models such as prison-based programs, community integrated models, or using OAT infrastructure, which could pave the way towards elimination in low and middle-income countries. 2. The section “Global epidemiological trends” is mainly presenting epidemiological data from the United States, and its title does not reflect the content. Authors should discuss “global” HCV trends and expand on its epidemiology in different regions. 3. There are many hard-to-reach and wordy sentences in the manuscript that need rephrasing. The correct use of punctuations should definitely be considered. 4. Several sentences and paragraphs that have been presented in the body of the manuscript belong to the introduction. 5. In some parts, lack of coherency between paragraphs is sensible. Also, overly detailed discussion together with multiple numbers presented in some paragraphs may make the reader distracted from the main point. Please see the attached file containing the detailed comments and suggestions.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 63529

Title: New Hope for Hepatitis C Virus: Summary of Global Epidemiologic Changes and Novel Innovations Over 20 Years

Reviewer's code: 03210006

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor, Research Dean

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2021-01-28

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-01-30 02:54

Reviewer performed review: 2021-02-10 13:26

Review time: 11 Days and 10 Hours

Scientific quality	[<input checked="" type="radio"/>] Grade A: Excellent [<input type="radio"/>] Grade B: Very good [<input type="radio"/>] Grade C: Good [<input type="radio"/>] Grade D: Fair [<input type="radio"/>] Grade E: Do not publish
Language quality	[<input checked="" type="radio"/>] Grade A: Priority publishing [<input type="radio"/>] Grade B: Minor language polishing [<input type="radio"/>] Grade C: A great deal of language polishing [<input type="radio"/>] Grade D: Rejection
Conclusion	[<input checked="" type="radio"/>] Accept (High priority) [<input type="radio"/>] Accept (General priority) [<input type="radio"/>] Minor revision [<input type="radio"/>] Major revision [<input type="radio"/>] Rejection
Re-review	[<input checked="" type="radio"/>] Yes [<input type="radio"/>] No
Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] 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>

SPECIFIC COMMENTS TO AUTHORS

First, this manuscript mainly describes the epidemiology and new hope of hepatitis C in the world in recent 20 years. And put forward the unique insight that fair DAAs treatment opportunities can reduce the mortality of hepatitis C. Second, the quality and importance of this manuscript is very good. Before and after the use of DAAs, the mortality rate of hepatitis C has changed significantly. However, pharmaceutical costs limit equitable access to healthcare. Based on this, the author proposed the essential agenda items include prioritization of access to DAAs therapies in addition to transparent negotiations with the pharmaceutical industry to consider the compassionate release of medications to promote equitable division of care. Third, this manuscript finally pointed out the future direction should be devoted to the prioritization of HCV infection in order to increase its importance on the international agenda, especially in the World Health Organization. Additionally, pharmaceutical companies need to consider providing compassionate release of medications to promote equitable healthcare worldwide, especially given the highest disease burden within low- and middle-income countries.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 63529

Title: New Hope for Hepatitis C Virus: Summary of Global Epidemiologic Changes and Novel Innovations Over 20 Years

Reviewer's code: 05703005

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: United States

Manuscript submission date: 2021-01-28

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2021-03-22 08:37

Reviewer performed review: 2021-03-22 21:39

Review time: 13 Hours

Scientific quality	<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
Language quality	<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
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer statements	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 authors have addressed my comments and the manuscript is generally better. There are still a few typos throughout the manuscript eg genotypic on page 11 - these need to be addressed.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 63529

Title: New Hope for Hepatitis C Virus: Summary of Global Epidemiologic Changes and Novel Innovations Over 20 Years

Reviewer's code: 02942287

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Iran

Author's Country/Territory: United States

Manuscript submission date: 2021-01-28

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2021-03-25 04:38

Reviewer performed review: 2021-03-25 12:25

Review time: 7 Hours

Scientific quality	[<input checked="" type="radio"/>] Grade A: Excellent [<input type="radio"/>] Grade B: Very good [<input type="radio"/>] Grade C: Good [<input type="radio"/>] Grade D: Fair [<input type="radio"/>] Grade E: Do not publish
Language quality	[<input checked="" type="radio"/>] Grade A: Priority publishing [<input type="radio"/>] Grade B: Minor language polishing [<input type="radio"/>] Grade C: A great deal of language polishing [<input type="radio"/>] Grade D: Rejection
Conclusion	[<input checked="" type="radio"/>] Accept (High priority) [<input type="radio"/>] Accept (General priority) [<input type="radio"/>] Minor revision [<input type="radio"/>] Major revision [<input type="radio"/>] Rejection
Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No

SPECIFIC COMMENTS TO AUTHORS



**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

The revised manuscript is much improved and is suitable for publication.