

## PEER-REVIEW REPORT

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

**Manuscript NO:** 69308

**Title:** Renal manifestations of hepatitis E among immunocompetent and solid organ transplant recipients

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

**Peer-review model:** Single blind

**Reviewer's code:** 05095017

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor

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

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

**Manuscript submission date:** 2021-06-25

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-07-02 00:32

**Reviewer performed review:** 2021-07-06 08:16

**Review time:** 4 Days and 7 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 Grade E: Do not publish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 type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**Peer-reviewer  
statements**

Peer-Review: [ ☒ ] Anonymous [ ☐ ] Onymous

Conflicts-of-Interest: [ ☐ ] Yes [ ☒ ] No

## SPECIFIC COMMENTS TO AUTHORS

This manuscript is a review focused on renal manifestations of hepatitis E patients. This topic is interesting, however, there are several concerns that need to be addressed and I cannot recommend it for publication in the present form. 1) Title “Renal Manifestations of Hepatitis E Among Immunocompetent and Kidney Transplant Recipients” In this manuscript, the authors describe renal manifestations of hepatitis E among not only kidney transplant recipients, but also immunocompromised and the other solid organ transplant recipients. It is not clear whether we need to discriminate them. Are there any differences in terms of clinical manifestations, diagnosis, and therapy? 2) The section “Glomerular manifestation of hepatitis E” needs to be included in the section “Renal manifestations of Hepatitis E infection”. 3) Figure 2: Does “Immunocompromised” include only “Kidney Transplant”? How about “Pegylated Interferon for 3 months in liver transplant patients” (Kidney Transplant)? Please clarify. 4) There are some typos to be corrected (Introduction “uncooked meet (meat?)” “fetal (fatal?) outcomes” etc.). Proofreading by native English speakers is required.

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

**Peer-review model:** Single blind

**Reviewer's code:** 05393105

**Position:** Editorial Board

**Academic degree:** MBBS, MD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2021-06-25

**Reviewer chosen by:** AI Technique

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<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 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="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
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## SPECIFIC COMMENTS TO AUTHORS

A precise review. Following suggestions are there to enhance the manuscript: 1. Add the following reference: Hering T, Passos AM, Perez RM, Bilar J, Fragano D, Granato C, Medina-Pestana JO, Ferraz ML. Past and current hepatitis E virus infection in renal transplant patients. J Med Virol. 2014 Jun;86(6):948-53. doi: 10.1002/jmv.23915. Epub 2014 Mar 12. PMID: 24619955. 2. Please add a Table reflecting studies and data of Chronic HEV infection in immunocompromised. It will substantiate the problem statement of the entity and summarize the topic too !

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**Peer-review model:** Single blind

**Reviewer's code:** 05696250

**Position:** Peer Reviewer

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

**Professional title:** Associate Professor, Doctor

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

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

**Manuscript submission date:** 2021-06-25

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-07-04 07:20

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**Review time:** 9 Days and 1 Hour

<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 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 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

## SPECIFIC COMMENTS TO AUTHORS

The manuscript authored by Kovvuru et al. seems interesting. However, a few incorrect information needs to be corrected. For example, in the introduction section the authors mention Hepatitis E virus belongs to Herpesviridae family, but actually the HEV belongs to Hepeviridae family. Few minor comments: The section 'Renal manifestations of Hepatitis E infection' should be Renal manifestations of Hepatitis E virus infection. G6PD should be defined at its first appearance. In the figure title 1, AKI should be defined or shown its elaborative form in its first use. There are some typos that should be carefully checked. For example, Interestingly, In the subgroup who received anti- viral therapy, cryoglobulinemia was detected in 70%....; HEV mediated (should be HEV-mediated) renal manifestations were thought to be a result of direct cytopathic injury. In Immunocompetent patients, it advised..... (should be In immunocompetent patients, it is advised ....) In patients with severe acute infection or acute on chronic liver disease ribavirin therapy is considered (please confirm the highlighted part). Guinault [32] et al reported a case of hepatitis E virus-induced cryoglobulinemic glomerulonephritis in a immunocompetent patient (a should be an)

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Academic degree:** MD, PhD

**Professional title:** Assistant Professor

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

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

**Manuscript submission date:** 2021-06-25

**Reviewer chosen by:** Han Zhang (Online Science Editor)

**Reviewer accepted review:** 2021-12-26 06:16

**Reviewer performed review:** 2021-12-27 02:36

**Review time:** 20 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [ ☐ ] Yes [ ☒ ] No

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

The revised manuscript is much improved, and the authors have addressed my issues.  
I recommend its acceptance in present form.