



PEER-REVIEW REPORT

Name of journal: *World Journal of Virology*

Manuscript NO: 79942

Title: Hepatic manifestations of COVID-19 infection: Clinical and laboratory perspective

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05606976

Position: Peer Reviewer

Academic degree: BSc, MD, PhD

Professional title: Doctor, Research Scientist

Reviewer's Country/Territory: Italy

Author's Country/Territory: Pakistan

Manuscript submission date: 2022-09-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-12 14:58

Reviewer performed review: 2022-09-19 13:29

Review time: 6 Days and 22 Hours

Scientific quality	<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 Grade E: Do not publish
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 type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Major points In the manuscript “Hepatic manifestations of COVID-19 infection: Clinical and laboratory perspective” the authors describe COVID-19 involvement in liver, however the paragraphs are not well connected and the review suffers of a general strong re-editing. Moreover the certificate is useless, is a word file with no indication of professional proofreading service. Minor Points: Some flaws are present in the text, e.g.: “Hajifathalian et al. as Aldhaleei et al” was directly pasted from other sources °, moreover would be more nice “first author” and coworkers



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Peer-review model: Single blind

Reviewer's code: 05393454

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: India

Author's Country/Territory: Pakistan

Manuscript submission date: 2022-09-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-12 15:48

Reviewer performed review: 2022-09-20 12:51

Review time: 7 Days and 21 Hours

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 type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

1. The English need improvement since there are some grammatical and syntax errors in the manuscript. For example, the words "Liver and" may be as "The liver and"; "of history" as "of the history"; "health" as "health"; "of liver" as "of the liver"; "the general" as "the general"; "the Severe" as "Severe"; "heart" as "the heart"; "in transplanted" as "in the transplanted"; "as possible" as "as a possible"; "of ACE2" as "of the ACE2"; "of COVID-19" as "of the COVID-19"; "correlation" as "a correlation"; "of high" as "between high"; "group" as "a group"; "with severity" as "with and severity"; "by IRI" as "by the IRI"; "activated" as "an activated"; "in treatment" as "in the treatment"; "COVID-19" as "the COVID-19"; "progression" as "the progression"; "reported 15%" as "reported a 15%"; "while 16.7%" as "while a 16.7%"; "mild" as "a mild"; "severity" as "the severity"; "need of" as "need for"; "prognosis of" as "prognoses of"; "higher" as "a higher"; "of study" as "of the study"; "association" as "the association"; "majority" as "the majority"; "severity" as "the severity"; "Resolution" as "The resolution"; "monitoring of" as "monitoring"; "EASL" as "the EASL"; "patient" as "the patient"; "outcomes of" as "outcomes for"; "was observed" as "were observed"; "incremental" as "an incremental"; "preliminary" as "a preliminary"; "8.9 % patients" as "8.9 % of patients"; "1.7% patients" as "1.7% of patients"; "Multivariate" as "The multivariate"; "of severity" as "between the severity"; "slightly" as "a slightly"; "at admission" as "at the admission"; "hospital" as "the hospital"; "predict patient's" as "predict a patient's"; "to severe" as "to the severe"; "course is" as "courses are"; "limited but" as "limited"; "variable" as "the variable"; "on severity" as "on the severity"; "with significant" as "with a significant"; "15% non-alcoholic" as "15% had non-alcoholic"; "2.1% ALD" as "2.1% had ALD"; "44% other" as "44% had other"; "along decompensated" as "along



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with decompensated"; "to already" as "to the already"; "detrimental outcome" as "the detrimental outcomes"; "during COVID" as "during the COVID"; "variable association" as "the variable associations"; "Chronic" as "A chronic"; "altered" as "an altered"; "with later" as "with the later"; "Prevalence" as "The prevalence"; "from USA" as "from the USA"; "and role" as "and the role"; "HCV positive" as "HCV-positive"; "but the" as "the"; "with risk" as "with a risk"; "increasing" as "the increasing"; "the higher" as "higher"; "A electronic" as "An electronic"; "have increased" as "have an increased"; "with highest" as "with the highest"; "increased" as "an increased"; "non-significant" as "a non-significant"; "statistically" as "a statistically"; "significant" as "a significant"; "in AIH" as "in the AIH"; "use of" as "the use of"; "uneventful" as "uneventful"; "on outcome" as "on the outcome"; "for management" as "for the management"; "treatment" as "the treatment"; "case-by-case" as "a case-by-case"; "as an" as "an"; "preference of" as "a preference for"; "proposes for" as "proposes"; "individual patient" as "the individual patients"; "to temporarily" as "temporarily"; "of novel virus" as "of the novel viruses"; "in world" as "in the world"; "susceptibility of" as "the susceptibility to"; "in only" as "on only"; "so it" as "it"; "not be" as "not"; "the hepatology" as "hepatology"; "restricted the liver" as "restricted liver"; "summary" as "a summary"; "on impact" as "on the impact". The grammar mistakes which are not mentioned here are also to be checked and corrected properly. 2. There are some typing mistakes as well, and authors are advised to carefully proof-read the text. For example, the word "organ." may be as "organs."; "recipietns" as "recipients"; "understand the" as "understanding the"; "focusses" as "focuses"; "corona viruses" as "coronaviruses"; "cause which include" as "causes which includes"; "towards" as "toward"; "leads to" as "lead to"; "sensitizes" as "sensitize"; "manifestation" as "manifestations"; "Similarly" as "Similarly,,"; "few case" as "few cases"; "while other" as "while others"; "COVID-19 affected" as "COVID-19-affected"; "burden" as "burdens"; "case control" as "case-control"; "alcohol



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related” as “alcohol-related”; “record” as “records”; “USA based” as “USA-based”; “HBV positive” as “HBV-positive”; “no statistical” as “no statistically”; “HBV infected” as “HBV-infected”; “antigen laden” as “antigen-laden”; “B positive” as “B-positive”; “antibody” as “antibodies”; “single center” as “single-center”; “HCV infected” as “HCV-infected”; “patient had” as “the patient had”; “record based” as “record-based”; “single center” as “single-center”; “outcome” as “outcomes”; “to determine” as “to determining”; “can aggravates” as “can aggravate”; “COVID-19 related” as “COVID-19-related”; “USA based” as “USA-based”; “to prioritize” as “prioritizing”; “if associated” as “is associated”; “to postpone” as “postponing”; “SARS-CoV-2” as “the SARS-CoV-2”; “COVID-19 positive” as “COVID-19-positive”; “COVID-19 population” as “COVID-19 populations”. The typos not mentioned here are also to be checked and corrected properly.

3. Check the abbreviations throughout the manuscript and introduce the abbreviation when the full word appears the first time in the text and then use only the abbreviation (For example, drug-induced liver injury (DILI), etc.). And it should be in both abstract as well as in the remaining part of the manuscript. Make a word abbreviated in the article that is repeated at least three times in the text, not all words need to be abbreviated.

4. The authors are encouraged to include the database, search engines (like PubMed, ScienceDirect, Google scholar etc.), the keywords used etc., which may be included in the introduction section or separately in the materials heading since it is a review article.

5. The authors are encouraged to include one or two figures for the better outcome of the manuscript.

6. The table (1) legends should be improved and a proper footnote should be given. All legends should have enough description for a reader to understand the table without having to refer back to the main text of the manuscript. For example, the necessary expansion may be given for abbreviations used.

7. In conclusion, the authors may be included the limitation of the present findings and future direction for a better understanding of the manuscript.

8. The references are not



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arranged properly in a uniform format and they should be carefully checked and corrected as per the journal instructions. For example, the cited reference is not given with page number which is published in 2021 and few references are not cited with DOI.



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Peer-review model: Single blind

Reviewer's code: 00053419

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Spain

Author's Country/Territory: Pakistan

Manuscript submission date: 2022-09-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-13 08:24

Reviewer performed review: 2022-09-21 08:29

Review time: 8 Days

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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The authors provide a good summary on the current knowledge regarding the interaction of SARS-CoV-2 and CLD, with the main indications of reference liver associations for the clinical management of the patients. I have just a couple of minor comments for the authors: 1. Regarding the expression of ACE2 in liver cells, it is recommended to comment and discuss the evidences available in the Human Protein Atlas (www.proteinatlas.org). 2. Are the figures provided about complications associated to COVID-19 infection of CLD patients distinct to those associated to other respiratory virus infections?



RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05393454

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: India

Author's Country/Territory: Pakistan

Manuscript submission date: 2022-09-12

Reviewer chosen by: Li-Li Wang

Reviewer accepted review: 2022-10-19 12:20

Reviewer performed review: 2022-10-20 12:06

Review time: 23 Hours

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 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 checked="" 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



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SPECIFIC COMMENTS TO AUTHORS

1. There are some grammatical, alignment and typographical errors are noted in the manuscript and it should be thoroughly checked and corrected throughout the manuscript. For example, the words “and approve” may be as “and approved”; “in both” as “in the both”; “transplanted organ” as “transplanted organs”; “of the liver” as “of liver”; “Tip: Novel” as “Tip: The novel”; “on health” as “on the health”; “of upper” as “of the upper”; “. Liver” as “. The liver”; “focusses” as “focuses”; “the general” as “general”; “Primary” as “The primary”; “the COVID-19” as “COVID-19”; “the SARS-CoV-2” as “SARS-CoV-2”; “of January” as “January”; “the antibody” as “antibody”; “data sources” as “data source”; “type specific” as “type-specific”; “of ACE2” as “of the ACE2”; “in liver” as “in the liver”; “of single cell” as “in single-cell”; “data of” as “data from”; “a direct” as “direct”; “of ACE2” as “of the ACE2”; “treat COVID-19” as “treat the COVID-19”; “like upregulation” as “like the upregulation”; “a mild to” as “mild to”; “forms is” as “forms are”; “COVID-19 infected” as “COVID-19-infected”; “figures of” as “figures for”; “39.8% cases” as “39.8% of cases”; “as elevation” as “as the elevation”; “severe injury” as “a severe injury”; “few case” as “few cases”; “co-morbids” as “co-morbid”; “of study” as “of the study”; “after resolution” as “after the resolution”; “including COVID-19” as “including the COVID-19”; “with COVID-19” as “with the COVID-19”; “of the COVID-19” as “of COVID-19”; “Further” as “The further”; “higher” as “a higher”; “the severe” as “severe”; “to plan” as “to planning”; “Among which,” as “Among these,”; “as significant” as “as a significant”; “heightened” as “a heightened”; “to screen” as “screening”; “especially treated” as “especially those treated”; “reported <0.1%” as “reported a <0.1%”; “uneventful” as “an uneventful”; “documented increased” as “documented an increased”; “six monthly” as “six-monthly”; “suggested to” as “suggested”; “diverted in” as “diverted to”; “HCC in” as “HCC during”; “is high” as “is



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a high"; "in case" as "in the case"; "the novel" as "novel"; "transplanted in" as "transplant in"; "after kidney" as "after the kidney"; "to the COVID-19" as "the COVID-19"; "cover management" as "cover the management"; "as were" as "as was"; "collaboration for" as "collaboration to"; "better" as "a better"; "understanding the" as "understanding of the"; "of liver" as "of the liver"; "future focused" as "future-focused".