



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 56681

Title: Mechanisms and consequences of COVID-19 associated liver injury: what can we affirm?

Reviewer’s code: 05386379

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer’s Country/Territory: Austria

Author’s Country/Territory: Brazil

Manuscript submission date: 2020-05-15

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-05-20 06:57

Reviewer performed review: 2020-05-20 07:03

Review time: 1 Hour

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 Grade A: Excellent [] Grade B: Very good [] Grade C: Good [] Grade D: Fair [] Grade E: Do not publish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



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SPECIFIC COMMENTS TO AUTHORS

Great work



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 56681

Title: Mechanisms and consequences of COVID-19 associated liver injury: what can we affirm?

Reviewer's code: 03520161

Position: Editorial Board

Academic degree: MD

Professional title: Doctor, Lecturer, Senior Researcher

Reviewer's Country/Territory: Israel

Author's Country/Territory: Brazil

Manuscript submission date: 2020-05-15

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-05-16 10:15

Reviewer performed review: 2020-05-23 20:06

Review time: 7 Days and 9 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 Grade E: Do not publish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 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



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SPECIFIC COMMENTS TO AUTHORS

Carlos et al. reported a nice mini-review on "Mechanisms and consequences of COVID-19 associated liver injury" Overall, it is a nice study, however, there is several drawbacks the first limitation of the study is the presentation of table 1 - which discuss and summarize the rate of liver abnormalities among different studies, however, this table lacks a lot of data - given what the authors stated in their review that liver injury in COVID-19 is multifactorial (COVID-19 itself ? medications to target COVID-19 used ? hemodynamic instability ? shock ?), all studies in table 1 should include all of these data, furthermore, the authors should provide another table comparing liver indices data among COVID-19 patients without treatment and with COVID-19 who were treated with anti-virals and antibiotics. Moreover, another important issue in this paper is the issue of DILI, as it is known that one of the most difficult issues in the diagnosis of DILI is the determination of causality, in this setting the authors should provide data regarding the ways and approaches used to assess causality, mainly discussing the Roussel Uclaf Causality Assessment Method (RUCAM) scale. Finally, regarding the histopathological findings, the authors should add a table describing the histopathological liver findings in pure patients with COVID-19 with and without anti-viral/antibiotics therapy, as well including liver findings among non-COVID-19 patients who were treated with lopinavir/ritonavir and remdesivir, chloroquine and hydroxychloroquine antimalarials, antibiotics including azithromycin, or immune-modulators such as tocilizumab and who developed DILI - this table is needed to summarize the histopathological findings and to ease it for the readers.



RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Hepatology

Manuscript NO: 56681

Title: Mechanisms and consequences of COVID-19 associated liver injury: what can we affirm?

Reviewer's code: 03520161

Position: Editorial Board

Academic degree: MD

Professional title: Doctor, Lecturer, Senior Researcher

Reviewer's Country/Territory: Israel

Author's Country/Territory: Brazil

Manuscript submission date: 2020-05-15

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-07-17 10:42

Reviewer performed review: 2020-07-17 10:51

Review time: 1 Hour

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 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
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



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The authors addressed the comments The paper can be published in its current form
Best