

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 78885

Title: Liver Injury in COVID-19: Holds Ferritinophagy-mediated Ferroptosis Accountable

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04870360

Position: Editorial Board

Academic degree: MSc, PhD

Professional title: Assistant Professor, Lecturer, Research Scientist

Reviewer's Country/Territory: Egypt

Author's Country/Territory: China

Manuscript submission date: 2022-07-20

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-07-21 07:21

Reviewer performed review: 2022-08-03 09:19

Review time: 13 Days and 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 Grade E: Do not publish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 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
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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
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SPECIFIC COMMENTS TO AUTHORS

In the manuscript entitled “Liver Injury in COVID-19: Hold Ferritinophagy-mediated Ferroptosis Accountable”, the authors investigated the relationship between the severity of hepatic injury induced by SARS-Cov infection and ferritinophagy-mediated ferroptosis mechanism. The authors assumed that the ferritinophagy-mediated ferroptosis could be associated with SARS-CoV-2 infection and may be a potential target for future therapeutic challenges. Indeed, the study is merit and interesting. However, several issues may be raised to improve the manuscript. 1- This article may consider a minireview article. 2- A table of summarizing should be added 3- Previously published article “10.3748/wjg.v27.i15.1531” may be useful for this study specifically in the part of “Systemic Inflammation-related Liver Dysfunction in COVID-19” 4- More recent studies should be added to comprehensively the review idea.

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Peer-review model: Single blind

Reviewer's code: 05334153

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: China

Manuscript submission date: 2022-07-20

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-10-15 14:14

Reviewer performed review: 2022-10-28 14:40

Review time: 13 Days

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 checked="" type="checkbox"/> Minor revision <input 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="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

Jia F in this manuscript report on "Liver Injury in COVID-19: Hold Ferritinophagy-mediated Ferroptosis Accountable". The manuscript is very well written and of clinical and academic interest. However, the author needs to address few minor points as follows: - While dealing with a very hot and extremely rapidly evolving topic like COVID-19, you need to use very very recent references. None of your references involve the year 2022. In several paragraphs you mentioned (recently,.....) then you referred to a reference in 2018 and 2019. So, please update your references. - Are there any studies tried to use iron chelators as a cytoprotective agent to reduce the inflammatory response in COVID-19 patients? (like the case in acetaminophen toxicity mentioned in reference number 57?) - Please revise the manuscript for few editing mistakes. Thanks