



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 63416

**Title:** Interplay between NRF2 and inflammatory mediators in COVID-19-related liver injury

**Reviewer's code:** 00225294

**Position:** Editorial Board

**Academic degree:** BM BCh, PhD

**Professional title:** Doctor, Professor, Senior Research Fellow

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

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-01-28

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2021-01-29 11:53

**Reviewer performed review:** 2021-02-15 19:34

**Review time:** 17 Days and 7 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 Grade E: Do not publish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 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 type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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

Authors review the potential role of NRF2 and inflammatory mediators in the context of COVID19 infection and the associated liver injury. The review is well organized in terms of the different components involved in viral-dependent liver injury. I suggest to introduce a classification of the severity of liver injury in terms of the adverse outcome of COVID19 infection. This is important since the virus has individualized responses and several data from cohorts around the World are available. In this regard, authors should provide additional evidence from the literature in support of their reciprocal mechanisms of injury associated to NRF2/COVID19 interplay.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Gastroenterology

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**Professional title:** Doctor, Professor, Senior Research Fellow

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

**Author's Country/Territory:** China

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**Reviewer chosen by:** Chen-Chen Gao

**Reviewer accepted review:** 2021-03-08 08:24

**Reviewer performed review:** 2021-03-08 10:29

**Review time:** 2 Hours

<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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer statements</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS



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Authors improved the content of the document, as suggested by the Reviewers.