PEER-REVIEW REPORT

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good
	[ ] Grade D: Fair [ ] Grade E: Do not publish
Judgment by peer reviewers	Does this manuscript meet the code of ethics standards?
	[J11] Yes [J10] No
	Does this manuscript have important novelty?
	[J21] Yes [J20] No
	Does this manuscript have important creativity or innovation?

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	[J31] Yes　[J30] No
	Does this manuscript use reliable research methods?
	[J41] Yes　[J40] No
	Are the manuscript-accompanying data and figures authentic?
	[J51] Yes　[J50] No
	Does this manuscript make scientifically significant conclusions?
	[J61] Yes　[J60] No
Language quality	[Y] Grade A: Priority publishing　[　] Grade B: Minor language polishing [　] Grade C: A great deal of language polishing　[　] Grade D: Rejection
Conclusion	[　] Accept (High priority)　[　] Accept (General priority) [Y] Minor revision　[　] Major revision　[　] Rejection
Re-review	[　] Yes　[Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous　[　] Onymous Conflicts-of-Interest: [　] Yes　[Y] No

SPECIFIC COMMENTS TO AUTHORS

Generally, you have presented and analyzed a very interesting meta-analysis, very well hypothesis driven. Here are some specific remarks to improve the whole presentation and the content of your manuscript. You should replace everywhere in your manuscript the abbreviation for the liver biochemical marker: alkaline phosphatase (AKP) with the more suitable abbreviation (ALP). At page 8. of your manuscript, at the "Data extraction" section, can you provide the relevant literature for the following paragraph: "Severe disease was defined according to the American Thoracic Society and Infectious Disease Society of America guidelines for community-acquired pneumonia, and the guidelines for diagnosis and management of COVID-19 released by National Health Commission of China, need of intensive care unit (ICU) admission, mechanical ventilation." If it is possible, you can select all of your text manuscript in full alignment.   It would be useful

if you could add a table with the 3 categories of the biochemical liver markers that you analyzed and the mean reference values of each one biochemical marker, according the 57 studies included in your meta-analysis. Moreover, at the Introduction section can you add few data about the relevant studies that you refer to them at this sentence: "In fact, several studies have found liver injury in patients with COVID-19.[9-13]" ? Finally, you have to present more clearly and in bigger size and more clearly and distinctly the figures 1-5, as exactly you have done it in your supplementary data, in order to improve the presentation and the structure of these results. Congratulations for your work!!!

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When do the articles assess liver function in COVID-19 infection? At the onset or severity of COVID-19? Results may vary depending on the timing of assessment.

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SPECIFIC COMMENTS TO AUTHORS

The authors did make an attempt the post COVID scenario which is relevant. The paper can be published after making few changes in the manuscript. The authors are advised to check grammar and typos

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Comments The normal levels of ALT and AST were not written in the abstract, so we can not recognize whether the reported values are normal or high. Were the upper limits of normal were the same in all extracted articles? The definition of non-severe and severe COVID was not mentioned. The liver chemistries were measured in only one occasion, but its serial follow up assessment with COVID disease progression was not mentioned.