

PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 62263

Title: Racial differences in prevalence and severity of non-alcoholic fatty liver disease

Reviewer's code: 04091933

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor, Senior Researcher

Reviewer's Country/Territory: Russia

Author's Country/Territory: United States

Manuscript submission date: 2021-01-04

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-01-05 19:32

Reviewer performed review: 2021-01-17 20:28

Review time: 12 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 Grade E: Do not publish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 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 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

This is a timely and useful review, the relevance of which is related to the increasing burden of metabolic disorders such as metabolic syndrome and NAFLD. The role of racial differences in NAFLD is still poorly understood, although a higher prevalence of NAFLD and NASH has been reported among Hispanics. The authors emphasized the influence of other factors, including individual variables of metabolic syndrome, on the prevalence, severity, complications, and mortality in NAFLD, which can overestimate the contribution of race. The authors confirmed that NAFLD is more common in Hispanics and less in Blacks (due to differences in key genetic polymorphisms associated with liver fat storage). However, the authors concluded that there is currently insufficient evidence to believe that race itself plays a role in the development of liver fibrosis, complications, and mortality. This is an important conclusion that will facilitate further research on the role of race in NAFLD with an emphasis on the co-contribution of diet, exercise, and individual parameters of metabolic syndrome. Subsequent findings will be able to adjust, individualize, and personalize the management of patients with NAFLD. The manuscript is informative, contains the latest literary references and can be recommended for publication.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Hepatology

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Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor, Senior Researcher

Reviewer's Country/Territory: Russia

Author's Country/Territory: United States

Manuscript submission date: 2021-01-04

Reviewer chosen by: Chen-Chen Gao

Reviewer accepted review: 2021-04-11 13:56

Reviewer performed review: 2021-04-11 14:41

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

There are no comments from the reviewer. This is a topical review that will drive future



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research on NAFLD. The manuscript is of good quality and can be published.