

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 62037

Title: Partially hydrolyzed guar gum attenuates non-alcoholic fatty liver disease in mice through the gut-liver axis

Reviewer's code: 01805500

Position: Editorial Board

Academic degree: CCST, MD

Professional title: Adjunct Professor, Professor, Research Scientist, Senior Researcher, Senior Scientist, Teacher

Reviewer's Country/Territory: Italy

Author's Country/Territory: Japan

Manuscript submission date: 2021-02-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-02-08 16:11

Reviewer performed review: 2021-02-08 16:48

Review time: 1 Hour

Scientific quality	<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 Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Authors in the Limitations section should put emphasises on the lack of determination of IL-16, which is the main cytokine involved in the so called chronic low-grade inflammation or meta inflammation of NAFLD/NASH, as evident inFront Immunol. 2020; 11: 769. Authors should clearly state in the Introduction section that the mechanisms underlying NAFLD/NASH are far from being clarified and the gut-liver axis is only a part of the pathogenesis of this disease, because of the complex, multidirectional pathophysiology involved in NAFLD as clearly evidenced in.. ..J. Clin. Med. 2020, 9(1), 15., Authors should put emphasis on the fact that the animal models do not completely mirror the human NAFLD/NASH, thus a note of caution in translating these results is mandatory, as evident inNutrients. 2017 Oct; 9(10): 1072. Authors should present their data as means plus/minus SD and not SEM, because readers are interested in knowing the dispersion of values but not the price vision of the mean , due to the paucity of observations in each group, i.e., seven. Finally, authors should evidence in the Limitations section the modest sample size of each group of the study.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 62037

Title: Partially hydrolyzed guar gum attenuates non-alcoholic fatty liver disease in mice through the gut-liver axis

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Professional title: Adjunct Professor, Professor, Research Scientist, Senior Researcher, Senior Scientist, Teacher

Reviewer's Country/Territory: Italy

Author's Country/Territory: Japan

Manuscript submission date: 2021-02-06

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2021-03-15 18:35

Reviewer performed review: 2021-03-15 18:43

Review time: 1 Hour

Scientific quality	<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
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 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

Authors correctly answered comments