

PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 88728

Title: Teneligliptin mitigates diabetic cardiomyopathy by inhibiting activation of the NLR inflammasome

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02446061

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Full Professor, Research Scientist

Reviewer's Country/Territory: Mexico

Author's Country/Territory: China

Manuscript submission date: 2023-10-08

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-11-07 14:10

Reviewer performed review: 2023-11-13 00:56

Review time: 5 Days and 10 Hours

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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 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

The manuscript has interesting content. However some points should be edited: a) The entire manuscript requires proofreading. Some mistakes of grammar, typing, punctuation should be avoided. Also check abbreviations and units of measurement. b) The discussion is brief. It could be enriched with the effect of similar compounds (references could be more than 35 at least). Also, Please check some recent articles closely linked to your work and discuss about your observations and that reported on them. For example: - Akashi N, Umemoto T, Yamada H, Fujiwara T, Yamamoto K, Taniguchi Y, Sakakura K, Wada H, Momomura SI, Fujita H. Teneligliptin, a DPP-4 Inhibitor, Improves Vascular Endothelial Function via Divergent Actions Including Changes in Circulating Endothelial Progenitor Cells. *Diabetes Metab Syndr Obes.* 2023 Apr 13;16:1043-1054. doi: 10.2147/DMSO.S403125. PMID: 37077576; PMCID: PMC10108873. c) Conclusions, limitation and prospective studies, as well as implications in Diabetes treatment should be clearly sentenced in the manuscript.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Diabetes*

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Title: Teneligliptin mitigates diabetic cardiomyopathy by inhibiting activation of the NLR inflammasome

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Peer-review model: Single blind

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Position: Editorial Board

Academic degree: MD, PhD

Professional title: Full Professor, Research Scientist

Reviewer's Country/Territory: Mexico

Author's Country/Territory: China

Manuscript submission date: 2023-10-08

Reviewer chosen by: Cong Lin

Reviewer accepted review: 2023-12-21 02:13

Reviewer performed review: 2023-12-21 02:25

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	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

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

SPECIFIC COMMENTS TO AUTHORS

The comments AND suggestions have been addressed.