

Dear Editor and reviewers,

We are re-submitting a manuscript (NO: 87886) entitled “**Mechanisms of Natural Products on Type 2 Diabetes: A Review**” for publication as a review article in *World Journal of Diabetes*. We would like to take an opportunity to thank editors and reviewers very much for the comments. We have carefully followed the suggestions from the reviewers and the instructions for authors during the revision. Those comments are very valuable and helpful for revising and improving our paper. We have studied these comments carefully and have made correction that we hope meet with approval. Revised portion are marked in red in the revised manuscript. The main corrections are in the revised manuscript and the point-to-point responses to the Reviewers’ comments are as follow:

**To reviewer #1**

*The subject of this review is highly investigated. Therefore, the authors have to show a designed figure of some signaling pathways (at least two figures). It is recommended to change the title into "Mechanism of the Action of Natural Products on Type 2 Diabetes". The language should be thoroughly revised.*

Response: Thanks for reviewer’s suggestion. (1) The title of manuscript has been changed into “Mechanisms of Action of Natural Products on Type 2 Diabetes”. (2) We have added two figure of signaling pathways in article, including, “The mechanism of natural products in promoting the regeneration and inhibiting the apoptosis of islet  $\beta$ -cells” and “The mechanism of natural products suppresses insulin resistance”(see figure 1 and figure 2). (3) The manuscript has been sent to language editing service. We provided a new language certificate along with the manuscript and marked the changes in red in the revised paper.

**To reviewer #2**

*1. It is an interesting manuscript. Authors succeed to present their data in a clear way adding information to the existing literature. Therefore, I have no corrections to do and the manuscript can be published unaltered.*

Response: Thank you for reviewer's recognition of our manuscript. Thank you again

We appreciate for your warm work earnestly, and hope that the correction will meet with approval.

Once again, thank you very much for your comments and suggestion.

On the behalf of all authors

Lian LIU, PhD

## **JOURNAL EDITOR-IN-CHIEF (ASSOCIATE EDITOR) COMMENTS TO AUTHORS**

The authors have well addressed the previous reviewers' comments and suggestions. However, although the two figures newly added look great, the reviewer has a suggestion that the authors should not link different compounds with "-", each compound should be separately with either "," or ";" read like "A, B, S, ..." instead of "A-B-S...". these should be corrected before send to publish.

Answer: Thanks for editor-in-chief's suggestion. Different compounds with "-" has been separately with either "," in three figures (see 87886\_Auto\_Edited-CL-Filipodia) Thank you very much for your comments.

Best Regards

Lian LIU, PhD