

Dear Editor,

Dear Reviewers,

Thank you for all your efforts and support in reviewing and improving our manuscript.

We tried to incorporate all your suggestions and to make an optimal resolution to satisfy the requests of both reviewers.

The answers are below, and the new table and corrected figure are attached. The changes in the text are marked in yellow.

Reviewer #1: Dear Author, Paper can be accepted with minor changes.

1: Author should draw some picture to explain the "TYPE 2 DIABETES MELLITUS AND NEURODEGENERATIVE AND NEUROVASCULAR DISEASES"

Answer:

1. Considering the scope of our minireview and the comments of the second reviewer, we did not make a separate figure but incorporated important aspects of neurodegenerative and neurovascular diseases on mental health in the previous version, in the part considering possible biological factors.

2: In this section "ETIOPATHOGENESIS OF DIABETES MELLITUS TYPE 2 - LATEST CONCEPTS". Author should present the differences between old and latest concept differences in table.

Answer:

2. We have now added a new table presenting all types of diabetes and the differences between the old and the latest concept.

3: In this section "TYPE 2 DIABETES MELLITUS AND MENTAL DISORDERS" author should discuss about only T2DM. as the heading is very specific.

Answer:

3. The suggestion of the second reviewer was to compare different types of diabetes regarding mental disorders. Therefore, we did not exclude these comments from the text but only transferred these statements in the Introduction (1st paragraph) and presented all possible mental disorders additionally in the figure.

Reviewer #2: Manuscript ID: 82310 Title: Diabetes mellitus type 2 as an underlying, comorbid or consequent state of mental disorders This mini-review fully summarizes and analyzes the causal relationship between type 2 diabetes and mental disorders, which provides a good research direction for type 2 diabetes and its concomitants with mental disorders. At the same time, it provides a new therapeutic strategy for the treatment of type 2 diabetes and the prognosis of patients, which is crucial for improving the quality of life of patients with type 2 diabetes. I think there is an issue in this mini-review that the author needs to improve. In this mini-review involving type 1 diabetes, type 2 diabetes and gestational diabetes, as well as a new concept of diabetes, "Type 3 diabetes", in the form of a table, the author should summarize and analyze the bidirectional association between the four types of diabetes and mental disorders, and the possible predisposition factors between them, possible treatment strategies, possible effects on the patient, etc. Through such summary, readers can better understand the relationship between diabetes and mental disorders at a glance, improve the quality of the manuscript, increase the readability of the manuscript, and make it easier to persuade readers.

Answer:

Considering that the first reviewer suggested a narrow approach regarding T2DM correlation and mental disorders, and that the second reviewer wanted a broader approach and correlation, we tried to accomplish a balanced final presentation in the manuscript and only focused on T2DM. Hence, we commented on different types of

diabetes and mental disorders in the Introduction and incorporated all specific parts regarding T2DM and mental disorders in the figure.

(1) Science editor:

The manuscript has been peer-reviewed, and it's ready for the first decision.

Language Quality: Grade B (Minor language polishing)

Scientific Quality: Grade B (Very good)

Answer:

Thank you for your positive response.

(2) Company editor-in-chief:

I have reviewed the Peer-Review Report, full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Diabetes, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor. In order to respect and protect the author's intellectual property rights and prevent others from misappropriating figures without the author's authorization or abusing figures without indicating the source, we will indicate the author's copyright for figures originally generated by the author, and if the author has used a figure published elsewhere or that is copyrighted, the author needs to be authorized by the previous publisher or the copyright holder and/or indicate the reference source and copyrights. Please check and confirm whether the figures are original (i.e. generated de novo by the author(s) for this paper). If the picture is 'original', the author needs to add the following copyright information to the bottom right-hand side of the picture in PowerPoint (PPT): Copyright ©The Author(s) 2023. If an author of a submission is re-using a figure or figures

published elsewhere, or that is copyrighted, the author must provide documentation that the previous publisher or copyright holder has given permission for the figure to be re-published; and correctly indicating the reference source and copyrights. For example, "Figure 1 Histopathological examination by hematoxylin-eosin staining (200 ×). A: Control group; B: Model group; C: Pioglitazone hydrochloride group; D: Chinese herbal medicine group. Citation: Yang JM, Sun Y, Wang M, Zhang XL, Zhang SJ, Gao YS, Chen L, Wu MY, Zhou L, Zhou YM, Wang Y, Zheng FJ, Li YH. Regulatory effect of a Chinese herbal medicine formula on non-alcoholic fatty liver disease. World J Gastroenterol 2019; 25(34): 5105-5119. Copyright ©The Author(s) 2019. Published by Baishideng Publishing Group Inc[6]". And please cite the reference source in the references list. If the author fails to properly cite the published or copyrighted picture(s) or table(s) as described above, he/she will be subject to withdrawal of the article from BPG publications and may even be held liable.

Answer:

We have now prepared the figure per Journal requirements.