PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 82310

Title: Diabetes mellitus type 2 as an underlying, comorbid or consequent state of mental disorders

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05123031

Position: Editorial Board

Academic degree: Doctor, MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Serbia

Manuscript submission date: 2022-12-14

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2023-02-26 00:50

Reviewer performed review: 2023-02-26 03:04

Review time: 2 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

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.

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[Y] Grade A: Excellent [ ] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

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