

PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 64878

Title: Organophosphate pesticides and new-onset diabetes mellitus: From molecular mechanisms to a possible therapeutic perspective

Reviewer's code: 03123097

Position: Editorial Board

Academic degree: MD

Professional title: Doctor, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Taiwan

Manuscript submission date: 2021-02-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-15 03:17

Reviewer performed review: 2021-04-18 03:26

Review time: 3 Days

Scientific quality	☐ Grade A: Excellent ☒ Grade B: Very good ☐ Grade C: Good ☐ Grade D: Fair ☐ Grade E: Do not publish
Language quality	☐ Grade A: Priority publishing ☒ Grade B: Minor language polishing ☐ Grade C: A great deal of language polishing ☐ Grade D: Rejection
Conclusion	☐ Accept (High priority) ☐ Accept (General priority) ☒ Minor revision ☐ Major revision ☐ Rejection
Re-review	☒ Yes ☐ No
Peer-reviewer statements	Peer-Review: ☒ Anonymous ☐ Onymous Conflicts-of-Interest: ☐ Yes ☒ No



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SPECIFIC COMMENTS TO AUTHORS

This review's logic is reasonable, the thinking is clear, the arguments are sufficient, and there are many references, which can better summarize the latest literature in this field; However, there are still some problems that can be further improved: the review does not discuss the difference and connection between acute organophosphate poisoning and organophosphate exposure; The literature discusses the possible mechanism of organophosphorus exposure to diabetes, but it does not directly prove that organophosphorus can cause diabetes, and further evidence is needed. This document can quote some clinical cases to further supplement the explanation.