

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 63126

Title: Conundrum of vitamin D on glucose and fuel homeostasis

Reviewer's code: 05278434

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2021-01-26

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-03-30 09:59

Reviewer performed review: 2021-04-08 12:51

Review time: 9 Days and 2 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 Grade E: Do not publish
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 type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input 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



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

SPECIFIC COMMENTS TO AUTHORS

This paper comprehensively discusses the source, form, and function of vitamin D in the body. The relationship between vitamin D and insulin sensitivity and Beta-cell function was fully addressed. At the same time, it also analyzed the shortcomings of different clinical trials, the reliability of the results, and the difficulties of clinical trials. The effects of vitamin D are also different in various physical functions. This paper is a good review article. Although English is the author's mother language, there are still needs some polish. Besides, according to the PMID numbers of Figure 2 and Figure 3 provided by the author, I could not find the publication. I am also confused by the analysis time marked on the graph.