

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 58260

Title: Relationship between Serum Dickkopf-1 and Albuminuria in Patients with Type 2 Diabetes

Reviewer's code: 02446526

Position: Peer Reviewer

Academic degree: FRCP (Hon), MD, MRCP

Professional title: Academic Research, Associate Professor, Doctor, Staff Physician

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: China

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Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-08-21 05:55

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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 Grade E: Do not publish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 type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 type="checkbox"/> Minor revision <input checked="" 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 type="checkbox"/> Anonymous <input checked="" 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

Comments to the Authors General Comments: The manuscript entitled: “Relationship between Serum Dickkopf-1 and Albuminuria in Patients with Type 2 Diabetes; Manuscript ID: WJD-58260” was read with interest. Although the study results may be of interest to the global scientific audience, there are a huge lot of technical flaws and language errors throughout the paper that I have pointed out below. Specific Comments: Language and style: There are a huge lot of language errors (grammar, syntax and even spellings) in the entire manuscript. Without rewriting the paper with the help of an English language expert or medical writer the reading of this paper is difficult. Abstract: The first sentence in the abstract “Diabetic kidney disease... unclear pathogenesis” is not fully correct although the putative mechanisms are not fully elucidated. Introduction: A brief description of what is dickkopf-1 is important in this section to enable readers how the embryokine acts in cellular signalling mechanisms.

Language error rectification needed as mentioned above. Materials and Methods: This section should section should be grossly modified to explain the logics for inclusion and exclusion criteria. There is no point in mentioning other form of diabetes as exclusion criteria again after mentioning study on type 2 diabetes patients. As type 1 diabetes is another big risk factor for DKD, authors should clearly explain the justification for excluding that cohort from the study. Authors should describe how they calculated the insulin resistance index. Authors should have ideally mentioned how they calculated the sample size in the study for optimal statistical significance. Statistical analysis: This section is quite short. Results: It's not as astonishing to see high triglycerides among type 2 diabetic individuals to the readers as the authors do!!!. However, it may interesting to know whether this observation has any correlation to serum dickkopf-1 levels. Discussion: The first sentence in this section refutes the authors' own statement



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E-mail: bpgoffice@wjgnet.com
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in the second paragraph of results “No significantly difference in serum dickkopf-1 levels between healthy individuals and all diabetic individuals were found (6.63 ± 0.29 ng/mL vs. 6.13 ± 0.23 ng/mL; $P=0.2598$).” Most of the other paragraphs of the section talks about pathophysiology of DKD and the potential role of dickkopf-1 in its causation rather than comparing and contrasting the current evidence on this topic and how the authors’ research help us to improve our knowledge about the research questions they raised. A concise version of the discussion might have been mentioned in a couple of paragraphs in the introduction. The authors also should have briefly mentioned the merits and limitations of their work before concluding this section. References: this section mostly irrelevant as authors were beating around the bush in the discussion and introduction sections of the report