

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 77270

Title: The role of serum β 2-microglobulin, glycosylated hemoglobin, and vascular endothelial growth factor levels in diabetic nephropathy

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06253685

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Research Associate

Reviewer's Country/Territory: Poland

Author's Country/Territory: China

Manuscript submission date: 2022-05-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-05-11 09:37

Reviewer performed review: 2022-05-24 10:01

Review time: 13 Days

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 Grade E: Do not publish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: [☒] Anonymous [☐] Onymous

Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

Excessively elevated HbA1c indicates the worsening of hyperglycemic injury in patients, increasing the influence of hyperglycemia on the development of microvascular lesions. VEGF reflects the development of capillary malformations caused by pathological changes to a certain extent, and the degree of kidney disease can be revealed by analyzing the development of renal microvascular malformations. In this study, the authors examined the relationship between the expression of serum β 2-MG, HbA1c, and VEGF and the evaluation of patients with DN, providing a scientific basis for clinical treatment and analysis of therapeutic effects. The study is well designed and the results are interesting. Overall, this study is acceptable. However, the limit of the study should be discussed. And a minor editing is required.

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Reviewer's code: 06058786

Position: Peer Reviewer

Academic degree: MMed, PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Romania

Author's Country/Territory: China

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Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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**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>

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
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SPECIFIC COMMENTS TO AUTHORS

This is an interesting study of guiding significance of serum β 2-MG, HbA1c, and VEGF levels and to evaluate patients with diabetic nephropathy. The study is well performed and the results are well discussed. The References list is updated. Tables should be moved to the end of the manuscript.