

PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 87925

Title: Diabetes mellitus and prostate cancer risk: a mendelian randomization analysis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05377442

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor, Director, Postdoctoral Fellow

Reviewer's Country/Territory: Kyrgyzstan

Author's Country/Territory: China

Manuscript submission date: 2023-09-02

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-10-17 07:59

Reviewer performed review: 2023-11-02 02:49

Review time: 15 Days and 18 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 Grade E: Do not publish
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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements	Conflicts-of-Interest: [] Yes [Y] No
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SPECIFIC COMMENTS TO AUTHORS

Study is well defines and analyzed. Author should mention the 49 SNPs in table.
Author should explain more about MR. In abstract, result part should explained more.

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Manuscript NO: 87925

Title: Diabetes mellitus and prostate cancer risk: a mendelian randomization analysis

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Peer-review model: Single blind

Reviewer's code: 02544751

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor, Professor, Surgeon

Reviewer's Country/Territory: Slovakia

Author's Country/Territory: China

Manuscript submission date: 2023-09-02

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-10-30 09:47

Reviewer performed review: 2023-11-12 22:02

Review time: 13 Days and 12 Hours

Scientific quality	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Very good <input type="radio"/> Grade C: Good <input type="radio"/> Grade D: Fair <input type="radio"/> Grade E: Do not publish
Novelty of this manuscript	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Good <input type="radio"/> Grade C: Fair <input type="radio"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Good <input type="radio"/> Grade C: Fair <input type="radio"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input 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 type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Recension of manuscript No. 87925 „DM and PCa risk: a mendelian randomization analysis,, written by Jianxu Yuan, Qing Jiang and Shengije Yu, which will be published in World Journal of Gastroenterology. The structure of the manuscript is in keeping with the standard required criteria. The topic of the work is very actual. Diabetes has become a major chronic disease worldwide, which has brought huge burden and harm to patients and their families. Prostate cancer is currently one of the most common cancers in the world and the second most common cancer in men. The authors investigated the impact of diabetes on prostate cancer. Through the MR analysis of large sample data, in this study authors found that diabetes was an independent risk factor for prostate cancer, and could provide a theoretical basis for the prevention and treatment of prostate cancer. Work is clearly legible and summarizes new knowledge. The results are documented in figures and tables that present the review of the obtained data. The citations are actual, and their format respects usual standards. The conclusion reflects the author's results, and these can be accepted. I recommend the manuscript can be published. Kosice, 12. November 2023 MUDr.



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