



PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 79559

Title: Single nucleotide variations in the development of diabetic foot ulcer: A narrative review

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05458177

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Assistant Professor, Surgeon

Reviewer's Country/Territory: Indonesia

Author's Country/Territory: China

Manuscript submission date: 2022-08-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-29 02:59

Reviewer performed review: 2022-08-29 03:29

Review time: 1 Hour

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 Grade E: Do not publish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 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



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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 article offered something new. On the other hand, this study was too superficial and looked directionless (various pathologies were scattered without any deductive pattern). The author should better explain the role of each SNV to various pathologies mentioned. Merely describing that the SNV "involve in the development" (as stated in Conclusion) did not give sufficient didactic values.



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Peer-review model: Single blind

Reviewer's code: 03673990

Position: Peer Reviewer

Academic degree: PhD

Professional title: Research Associate

Reviewer's Country/Territory: Poland

Author's Country/Territory: China

Manuscript submission date: 2022-08-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-25 09:16

Reviewer performed review: 2022-10-18 12:33

Review time: 23 Days and 3 Hours

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
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
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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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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

The manuscript is prepared as a review of genetical background of diabetic foot (DF). The authors analyzed the single nucleotide variants located in genes described in the literature in recent years. The aim was to better recognize and understand their roles in the pathogenesis of DF. The clinical significance of DF as one of the most traumatic complication of diabetes requires such analysis to be updated periodically. The authors describe SNVs located in 19 genes and their potential role in the development and course of DF. They analyze each variant in depth in relation to more than just DF, showing additionally in some cases their associations with diabetes itself. What is noteworthy is the selection of up-current literature. Minor comments: The table no 1 could be expanded to include the information about the potential impact of selected gene variants on DF occurrence, development and/or its complications like osteomyelitis. The authors could add the gen-gen interactions if they were described in the literature. Finally the manuscript is worth to be published in BPG after minor revision.



RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Peer-review model: Single blind

Reviewer's code: 05458177

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Assistant Professor, Surgeon

Reviewer's Country/Territory: Indonesia

Author's Country/Territory: China

Manuscript submission date: 2022-08-27

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2022-11-24 13:09

Reviewer performed review: 2022-11-25 01:52

Review time: 12 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [**Y**] No

SPECIFIC COMMENTS TO AUTHORS

Congratulations. The comments had been addressed well.