

PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 79128

Title: Advances in neovascularization after diabetic ischemia

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06253286

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Sri Lanka

Author's Country/Territory: China

Manuscript submission date: 2022-08-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-05 06:01

Reviewer performed review: 2022-08-05 08:50

Review time: 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 Grade E: Do not publish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 checked="" 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

SPECIFIC COMMENTS TO AUTHORS

Include few figures to make it more readable

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Name of journal: *World Journal of Diabetes*

Manuscript NO: 79128

Title: Advances in neovascularization after diabetic ischemia

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03547306

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Serbia

Author's Country/Territory: China

Manuscript submission date: 2022-08-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-05 20:30

Reviewer performed review: 2022-08-05 20:31

Review time: 1 Hour

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
Language quality	<input checked="" type="radio"/> Grade A: Priority publishing <input type="radio"/> Grade B: Minor language polishing <input type="radio"/> Grade C: A great deal of language polishing <input type="radio"/> Grade D: Rejection
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Peer-reviewer	Peer-Review: <input checked="" type="radio"/> Anonymous <input type="radio"/> Onymous



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statements

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

SPECIFIC COMMENTS TO AUTHORS

very nice

PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 79128

Title: Advances in neovascularization after diabetic ischemia

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02461627

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: United Arab Emirates

Author's Country/Territory: China

Manuscript submission date: 2022-08-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-05 11:53

Reviewer performed review: 2022-08-10 20:02

Review time: 5 Days and 8 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 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	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

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

SPECIFIC COMMENTS TO AUTHORS

The manuscript entitled “Advances in neovascularization after diabetic ischemia” authored by Cai et al reviewed the mechanisms of neovascularization after diabetic ischemia to increase the current knowledge of diabetic ischemic complications and their therapies, provide more treatment options for clinical practice, and to effectively relieve patients' pain. Data from the following studies provides broader insights into the inflammatory and oxidative stress mechanisms in different ailments not just diabetes and should be integrated in the introduction: <https://doi.org/10.3844/ajptsp.2006.21.25>, PMID: 29959408, PMID: 17151319, PMID: 17151316, <http://dx.doi.org/10.4236/jdm.2011.13006>, PMID: 15362483. One major concern that should be addressed: What time range of publication did this review article cover, what keywords did the search for literature include, what were the inclusion criteria, how many studies did the search find and how many were primary research vs review articles, of those, how many were selected for evaluation in this study, and finally what criteria were used for selecting the articles that were reviewed (was it the subject of the study, its novelty or both). It would also be useful to integrate in-depth discussion of clinical trials of potential treatments. Other comments • Proofreading is absolutely required. • The list of references needs to be more inclusive. If considered, the following studies would help addressing that concern and provide useful molecular discussion points on inflammatory and oxidative stress mechanisms: PMID: 35517830, PMID: 35740022, PMID: 35177980, PMID: 33255507, <https://doi.org/10.1039/D0NA00958J>, 10.1097/HM9.0000000000000008, <https://doi.org/10.1186/s41936-020-00177-9>, <https://doi.org/10.1186/s41936-021-00251-w>, PMID: 32460808, PMID: 33255507.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 79128

Title: Advances in neovascularization after diabetic ischemia

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02461627

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: United Arab Emirates

Author's Country/Territory: China

Manuscript submission date: 2022-08-05

Reviewer chosen by: Ze-Mao Gong

Reviewer accepted review: 2022-09-13 12:59

Reviewer performed review: 2022-09-13 13:02

Review time: 1 Hour

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 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 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 revised manuscript is much improved and ready to move forward.