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

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<th>[Y] Grade C: Good</th>
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<td>Conclusion</td>
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SPECIFIC COMMENTS TO AUTHORS
Include few figures to make it more readable
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

[ Y ] Grade A: Excellent  [ ] Grade B: Very good  [ ] Grade C: Good  
[ ] Grade D: Fair  [ ] Grade E: Do not publish

Language quality

[ Y ] Grade A: Priority publishing  [ ] Grade B: Minor language polishing 
[ ] Grade C: A great deal of language polishing  [ ] Grade D: Rejection

Conclusion

[ Y ] Accept (High priority)  [ ] Accept (General priority)  
[ ] Minor revision  [ ] Major revision  [ ] Rejection

Re-review

[ ] Yes  [ Y ] No

Peer-reviewer

Peer-Review: [ Y ] Anonymous  [ ] Onymous
| statements | Conflicts-of-Interest: | [ ] Yes | [ Y ] No |

**SPECIFIC COMMENTS TO AUTHORS**

very nice
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

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| Peer-reviewer       | Peer-Review: [ Y] Anonymous | [ ] Onymous                     |
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

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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

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SPECIFIC COMMENTS TO AUTHORS
The revised manuscript is much improved and ready to move forward.