

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 62891

Title: Role of interferons in diabetic retinopathy

Reviewer's code: 02446514

Position: Peer Reviewer

Academic degree: PhD

Professional title: Academic Research, Professor

Reviewer's Country/Territory: Mexico

Author's Country/Territory: China

Manuscript submission date: 2021-01-20

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-02-26 22:14

Reviewer performed review: 2021-03-18 00:16

Review time: 19 Days and 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 Grade E: Do not publish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 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 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: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The authors showed a review on the interferons (IFNs) role in diabetic retinopathy and propose detection of IFN γ as a potential biomarker of diabetic retinopathy. The review on the role of IFNs in diabetic retinopathy is interesting and well presented. Respect of the use of IFN γ as a biomarker, I have several comments, which authors should comment. 1. Which would be the advantages of IFN as a biomarker? Compared to blood glucose levels and glycosylated hemoglobin. 2. When IFN should be determined to be considered effective for treatment. What about the procedures, and their levels? 3. In the review, would be important to show a table indicating the normal IFN levels and their changes during retinopathy. How changes in IFN are related to glucose levels in diabetic situation?

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Position: Peer Reviewer

Academic degree: PhD

Professional title: Academic Research, Professor

Reviewer's Country/Territory: Mexico

Author's Country/Territory: China

Manuscript submission date: 2021-01-20

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2021-04-17 00:57

Reviewer performed review: 2021-05-10 01:02

Review time: 23 Days

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
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

SPECIFIC COMMENTS TO AUTHORS

I just wanted to say that Authors answer my remarks, and I consider important to

evaluate other possible markers for diagnostic and treatment, interferons could be one as they proposed. So I would accept it for publication