

November 07, 2019

Science Editor, Editorial Office  
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Suite 160, Pleasanton, CA 94566, USA

Re: Manuscript #50677

Dear Director Yan,

First of all, I would take this opportunity to thank you for helping us to revise our manuscript. Now I am very pleased to resubmit our revised manuscript (#50677) titled “Complement activation in obesity, insulin resistance, and type 2 diabetes mellitus (review)” for publication in the journal of *World Journal of Diabetes*. The following is the point by point responses (in blue color) to reviewer’s comments and critiques. We hope our revised version of the paper satisfies the standard for publishing in the journal of *World Journal of Diabetes*.

### 1). Responses to Reviewer 03086186

**Conclusion:** Minor revision

**Scientific Quality:** Grade B (Very good)

**Language Quality:** Grade A (Priority publishing)

Dr. Kyumin Shim and the other authors reviewed the role of the complement system in the initiation and progression of metabolic disorders including obesity, insulin resistance and diabetes mellitus. In addition, they described the interaction of the complement system in diabetic complications. Over all, this is a comprehensive review on the complement system and metabolic disorders including obesity, insulin resistance and diabetes mellitus. There is a beautiful figure illustrating the system of the complements. My only request is that the author should summarize the key points in a table to help readers recapitulate these findings.

We really appreciate the very positive comments from the reviewer. We agree with his/her comments and now we provide a table (**Table1**) to summarize some key points of the role of complement components in obesity, insulin resistance, and diabetes mellitus.

### 2). Responses to Reviewer 00503221

**Conclusion:** Accept (General priority)

**Scientific Quality:** Grade B (Very good)

**Language Quality:** Grade A (Priority publishing)

Interesting Review

Thanks so much for the reviewer’s positive comments on our review paper!

### 3). Responses to Reviewer 03811054

**Conclusion:** Minor revision

**Scientific Quality:** Grade B (Very good)

**Language Quality:** Grade B (Minor language polishing)

1. The concept of this manuscript is very good treatment however the English language of the whole manuscript must be well edited to be accepted for publication. 2. Where is the conclusion

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that gives a closer look at the importance of the objective of this review? So, the authors should add the conclusion item.

1). We really appreciate the reviewer's comments and critiques on our paper. We have extensively made editing and language polishing for the manuscript.

2). Please see our response to Reviewer 03086186, we have added a table (**Table 1**) to summarize some key points of the role of complement components in obesity, insulin resistance, and diabetes mellitus, which will help readers to look closely at the important roles of some complement proteins on obesity, insulin resistance, and diabetes mellitus. In addition, we added a summarizing sentence to reflect the key findings of the paragraph.

#### 4). Responses to Reviewer 02445886

**Conclusion:** Accept (High priority)

**Scientific Quality:** Grade A (Excellent)

**Language Quality:** Grade A (Priority publishing)

This review summarizes current knowledge concerning the role of the activation of complement system and the initiation and progression of metabolic disorders including obesity, insulin resistance and diabetes mellitus as well as the interaction of the activation of the complement system with diabetic complications such as diabetic retinopathy, nephropathy and neuropathy. The title is consistent with the main subject of the manuscript, the abstract and key words reflect the main topics of the entire text. The review is informative and helpful. The paper cites 101 relevant and important references. The manuscript is well written, and the literature data is discussed well. I suggest to accept the manuscript with no specific comments.

Thanks so much for the strong recommendation for our reviewer paper!

#### 5). Response to the comments from reviewer 86136 (from Manuscript file)

1. We have carefully gone through **CrossCheck Report** and rephrased the most of the highlighted sentences (terms). However, some of these highlights were the specific terms, which we could not make any changes. For examples, Pattern recognition receptors (PRRs); C-reactive proteins (CRP).....
2. As requested, we also provided: Key words (6); Recorded audio core tip (100 words); Core tip. The references are formatted as required. PMID and DOI were added to each reference.
3. We now provide Table 1 in Word format and PowerPoint file for the figure and its legend, which will be movable and editable.

Thank you very much for your tremendous help for the revision of our manuscript. We are looking forward to hearing from you.

Sincerely



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