

Format for ANSWERING REVIEWERS

October 12, 2014



Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 13679-review.doc).

Title: Type 2 diabetes mellitus: from a metabolic disorder to an inflammatory condition

Author: Iqra Hameed, Shariq R Masoodi, Shahnaz A Mir, Mudasar Nabi, Khalid Ghazanfar, Bashir A Ganai

Name of Journal: *World Journal of Diabetes*

ESPS Manuscript NO: 13679

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer (detailed clarification of comments in attached sheet)

3 References and typesetting were corrected

Thank you again for publishing our manuscript in the *World Journal of Diabetes*.

Sincerely yours,

A handwritten signature in blue ink, appearing to read 'Bashir'.

Professor (Dr) Bashir A Ganai

Director and Head

Center for Research and Development

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Detailed clarification of reviewers' comments

1. Comment [g1]: usage of abbreviations has been checked and corrected. Abbreviations have been explained once at first use.
2. Comment [g2]: Figure legends have been added in the manuscript.
3. Comment [g3]: Abbreviations have been explained in abstract.
4. Comment [g4]: Inflammasome has been explained in Figure 5 and at first place where it occurs in main text; however, detailed explanation in abstract would be extensive.
5. Comment [g5]: The statement, 'A detailed analysis of these molecules is a vast topic,' has been modified and edited in the manuscript.
6. Comment [g6]: the statement 'enlarged adipose tissue' was used for "increase in adiposity" which has been corrected.
7. Comment [g7]: the term 'hoard' refers to 'storing or stockpiling the reserves'.
8. Comment [g8]: "waning or dead like adipocytes" has been modified.
9. Comment [g9]: SFRP4 is a gene encoding secreted frizzled-related protein 4. This is a standard term in gene/protein nomenclature.
10. Comment [g10]: Lipoapoptosis is a term referring to "programmed cell death due to a metabolic cause."
11. Comment [g11]: Inflammasome has been explained at the first place where it occurred in the main text of manuscript.
12. Comment [g12]: Inflammasome has been clarified in the above text.
13. Comment [g13]: Monogenic form of diabetes refers to one of the types of diabetes characterized by mutations in single gene and phenotypically similar to T1D.
14. Comment [g14]: Alarmins, the endogenous molecules released as a result of tissue damage promoting activation of immune system has been clarified and rephrased, also a relevant reference from literature on alarmins is designated.
15. Comment [g15]: TH17 refers to T helper cell 17 (Th17), proper designation has been done in text
16. Comment [g16]: TH17 refers to T helper cell 17 (Th17), proper designation has been done in text
17. Comment [g17]: The term "lately" was used to denote "Finally". The said correction has been made.
18. Comment [g18]: Amassing of unfolded proteins refers to "building up or accumulation." Change has been made in text.
19. Comment [g19]: Author names in text were due to typographic mistake. They are referenced appropriately.
20. Comment [g20]: Clarification of NLRP inflammasome has been made earlier in manuscript and Figure 5 also as per comment.
21. Comment [g21]: Alarmins have been clarified already in manuscript.
22. Comment [g22]: "Monocyte-derived macrophages" were rephrased as "macrophages"
23. Comment [g23]: "Monocyte-derived macrophages" were rephrased as "macrophages"
24. Comment [g24]: Alarmins have been clarified already in manuscript.
25. Comment [g25]: Alarmins have been clarified already in manuscript.
26. Comment [g26]: Abbreviations included in table.

27. Comment [g27]: The table is used to represent the molecules that were not described in text. Since alarmins were explained in main manuscript, their role was not elucidated in table in order to prevent duplication of information in text and table.