Reviewer’s report

Title: ADENOSINE DEAMINASE ACTIVITY IN TYPE 2 DIABETES MELLITUS. DOES IT HAVE ANY ROLE?

Version: 0 Date: 23 Dec 2017

Reviewer: Muhammad Sajid Hamid Akash

Reviewer's report:

Please include all comments for the authors in this box rather than uploading your report as an attachment. Please only upload as attachments annotated versions of manuscripts, graphs, supporting materials or other aspects of your report which cannot be included in a text format.

Major comments

In the background section, there is lack of complete background of T2DM. I suggest the authors should briefly describe the role of inflammation and oxidative stress in the pathogenesis of T2DM. As a reviewer, I suggest the following articles that might be helpful to the authors to discuss the role of inflammation and oxidative stress in T2DM.


The interpretation of the results are weak. They should be elaborated bit more and these results should be further supported by some already published results.

I suggest the authors should also describe the name of statistical test that they applied to predict the level of significant difference between the groups. This should be described in the methodology section.
Minor comments

I found a lot of grammatical and syntax errors. Few of them have been mentioned here as an example.

I. Page 1, in methods line 1, 'B.P.Koirala' write with spaces as 'B. P. Koirala', Sciences.204 as Sciences. 204. Make sure correct spacing in whole manuscript.

II. Page 3, line 6, 7 write 'Diabetes Mellitus' in abbreviated form 'DM' throughout the manuscript.

III. Page 3, Line 12, write 'result in resistance to insulin action' as Insulin resistance.

IV. Page 3, line 15, write 'Inosine as 'inosine'. Correct punctuation and spacing mistakes in whole manuscript.

V. Page 3, line 22, write references '(9), (6) and others' in correct form throughout the manuscript.

VI. Page 1, in methods line 6 and Page 3, line 29, write single abbreviation throughout the manuscript. Confirm HbA1c/HbA1C or Hba1c.

VII. Page 3, line 29, write 'Glucose' as glucose.

VIII. Page 3, 4, write 'Type 2 Diabetes Mellitus' as 'T2DM' throughout the manuscript.

IX. Page 4, line spacing mistakes are obvious in this manuscript.

X. Page 4, rephrase the sentence '3 ml blood from the study population was collected in EDTA vial and 3 ml of blood for fasting and postprandial blood glucose and serum was separated and stored at -20° C until test was performed.'

XI. Page 4, line 12, mention the year in citation. '(Giusti and Galanti "X")'.

XII. Page 4, line 12, write 'Immunoinhibition Method' as 'immuno-inhibition method'.

XIII. Page 6, rephrase sentence 'Various environmental and hereditary cause has been attributed to the development of Diabetes Mellitus resulting in Insulin resistance and defective secretion of insulin by pancreatic beta-cell.'

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review.
Quality of written English
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited

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