Author's response to reviews

Title: Association of CETP TaqI and APOE polymorphisms with Type II Diabetes mellitus in North Indians: a case control study

Authors:

Manjusha M Dixit SRF (manjusha@sgpgi.ac.in)
Sandeep S Bhattacharya Lecturer (physiology@sancharnet.in)
Balraj B Mittal Prof (bml_pgi@yahoo.com)

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To
The Editor
BMC Endocrine Disorders

Sub: Revision of manuscript entitled "Association of CETP TaqI and APOE polymorphisms with Type II Diabetes mellitus in North Indians: a case control study by Manjusha Dixit et al."

Sir,

Below are the reply to comments

Major Compulsory comments-

1) More detail of the criteria to define patients complication status have been incorporated in the 'Materials and Methods' section. No. of patients in each category has been given in table 6. Patients were not on lipid-lowering medications. Diabetic therapy being used has been explained.

2) Continuous variables have been tested for normal distribution and accordingly transformed. Covariates have also been tested using correlations. For significant covariates variables have been adjusted using linear regression. Text explaining above analyses has been incorporated in 'Statistical evaluation' subheading. Lipid profile analyses were also stratified by gender.

3) Table No. 9, explaining the world wide frequencies of CETP D442G polymorphism has been given and 'Discussion' has also been modified accordingly.

4) A new table (Table 5) shows CETP TaqI B frequencies in T2DM patients and controls after subdividing according to age. Similarly, a new table (Table 6) shows association with various subgroups of diabetic complications..

5) Table 8 has been added to show lipid values stratified according to APOE alleles

6) Discussion part has been modified. References explaining the cardiovascular phenotypes have been omitted and study by Tai et al, has been re-explained. Negative association of CETP TaqI B and APOE HhaI polymorphism in T2DM patients and with lipids in North Indians have been discussed in detail.

Minor Revisions

7) From Introduction part word "silent" has been removed

8) In Methods section male/ female proportion, which was left out, has been deleted. From table 4 male/female ratio is clear. All analyses were also done separately in male and female. P-values has also been changed to <0.05.

9) Statistically significant differences have been highlighted in table 2.

10) Fewer significant figures for ORs and CIs in Table 3 and 4 have been done in Table 2 and 3. In table 3, row 1, the final parenthesis has been corrected.
11) Conclusion: "in North Indian population" has been added.

12) English grammar mistakes have been corrected.

Yours sincerely
Dr. B. Mittal