Author's response to reviews

Title: Susceptibility to Type 1 Diabetes conferred by the PTPN22 C1857T Polymorphism in the Spanish population

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Author's response to reviews: see over
Dear Editor,

Please find a copy of the final version of our manuscript with the following changes:

1.- The abstract has been modified as suggested by reviewer (changes in red).

2.- p-value in Table 2 corresponds to the comparison of female patients with overall controls, not only female controls, in order to improve statistical power because, as previously mentioned, no significant difference was observed between male and female controls.

3.- There is a point to compare two subgroups of patients (in this case, men vs women). That is indeed the only way to find a difference between two phenotypes. For example, in the well established *NOD2/CARD15* effect in Crohn’s disease, the predominant effect in ileal patients was detected through the comparison with colonic patients (see Cuthbert AP et al, Gastroenterology 2002, 122: 867-74). Non-significant p-values have though been removed as suggested.

4.- The final statement of the reviewer was included in Discussion (in red).

Sincerely,

Emilio G. de la Concha