Reviewer's report

Title: Insulin secretion in patients with latent autoimmune diabetes (LADA): half way between type 1 and type 2 diabetes. Action LADA 11

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Reviewer: Bernhard O Boehm

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COMMENTS TO THE AUTHORS

The study by Hernandez et al. provides a comparative analysis of individuals with T1D, T2D and LADA. This is the first study applying MMTT to study stimulated C-peptide response. The study was performed as a cross-sectional study.

Major concerns:

The authors should provide a clear cut information on the number of clinical centres involved in the study and how many patients each centre has contributed. The impact of the number of centres involved on the statistical power of this most probably multi-centre study should be provided.

The analysis of the various cohorts should be performed with and without probands on insulin treatment (exclude T1Ds).

The data analysis is missing the consideration of major confounders such as sulphonylurea treatment in LADA patients (negative effect on ß-cell function in LADA patients) or the putatively positive effects of DPP4 inhibition in LADA patients.

Minor concerns:

Typo in "statistical analysis" paragraph ... lineal regression?

Figure 1 is not self explanatory, should be designed in a more readable way.