Author's response to reviews

Title: Common variants in LEPR, IL6, AMD1, and NAMPT do not associate with risk of juvenile and childhood obesity in Danes: a case-control study

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Version: 3 Date: 8 April 2015

Author's response to reviews: see over
Dear Dr. Tim Sands,

Please consider the enclosed manuscript entitled “Common variants in LEPR, IL6, AMD1, and NAMPT do not associate with risk of juvenile and childhood obesity in Danes: a case-control study” for publication in your esteemed journal (BMC Medical Genetics) as an original research article. We have edited the co-author names in the revised version uploaded on the 8th of April 2015. All the co-authors are same as listed in the initial version except for edits in their name (or middle name).

Recently, common variants in the inflammatory adipokine triggering pathways (LEPR, IL6, AMD1, and NAMPT) have been strongly associated with childhood obesity in children of Asian Indian origin. In the current study we examine the effect of these variants on risk of childhood/juvenile onset obesity and on obesity-related quantitative traits in two cohorts (juveniles and children) of Danish Caucasian origin with a case control design. Our findings suggest that these genetic variations are not related to risk of obesity in European children although there are some associations that we see with the LEPR variant among non-obese children.

We believe that our report contributes with novel information towards genetic epidemiology of childhood obesity in Europeans, and will be of interest to the readers of BMC Medical Genetics.

Sincerely yours,

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