Reviewer's report

Title: Different thresholds of tissue-specific dose-responses to growth hormone in short prepubertal children

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Reviewer: Feyza Darendeliler

Reviewer's report:

This paper aims to analyze different doses of GH on metabolic functions. The papers on this topic are few and this study has done detailed studies addressing this issue. It is well designed and well analyzed. The discussion is slightly long but clearly expressed. The authors are well known in the field.

One weak point of the study may be that GH deficient and ISS children are evaluated in the same cohort. It is true that the difference between these groups may be arbitrary but still there may be different underlying etiological factors for ISS.

I presume the ISS children did not have any obvious or subtle findings that may be due to an undefined etiology. Maybe it would be good to clarify this issue.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

'I declare that I have no competing interests'