Reviewer’s report

Title: Obese adolescents exhibit a constant ratio of GH isoforms after whole body vibration and maximal voluntary contractions

Version: 1 Date: 11 Nov 2018

Reviewer: Manuel H Aguiar-Oliveira

Reviewer’s report:

This version of the manuscript has conditions to be accepted, after minor corrections:

1) I suggest still a language review. I doubt if the sentence "and only 22kDa-GH peak after MVC+WBV than MVC ", is the best writing, and so on.

2) Line 51 of introduction. I prefer the word hyperglycemic than diabetogenic. The reference 30 could be anticipated to this sentence.

3) Lines 57 and 58 of discussion "circulating levels of some GH isoforms, particularly 22kDa- and 20kDa-GH, are increased after acute exercise" may be replaced for: "circulating levels of 22kDa- and 20kDa-GH, are increased after acute exercise", to be more precise.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
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Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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