Reviewer’s report

Title: Neonatal diet impacts liver mitochondrial bioenergetics in piglets fed formula or human milk

Version: 1 Date: 01 Jan 2020

Reviewer: Maria C. Lopez de las Hazas

Reviewer's report:

In general, the paper is well written, but some issues should be covered.

L=113 specify the number of the remaining animals.

Figure 3: The authors didn't find any statistical significance. Please remove the legend *p&lt;0.05

Please, specify in abstract and along the text that your data coming from male piglets

Sections should be carefully revised. In Introduction section the authors discussed the results, meanwhile in discussion section they are clearly introducing the paper... Also, the results should be more discussed (what explanation could be that in liver and ileum contradictory effect in Pparb with MH treatment?). Conclusions should be focused on the obtained data.

A control group with natural milk from saws will help to deciphered the role of milk. Human milk doesn't have the same nutrient composition than pigs, so they may produce an impact on mitochondrial expression... Unless, the authors should discuss why they don't use the "natural" milk

Title should be modified. Meanwhile title says: "Neonatal diet IMPACTS liver mitochondria function..." the conclusions says "the data indicate that neonatal diet can significantly impact liver mitochondrial bioenergetics" so... it has to be according the results obtained...

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?
If not, please explain in your comments to the authors.

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:

Acceptable

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