

January 15, 2015



Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 15500-review.doc).

Title: Liver fat deposition and mitochondrial dysfunction in morbid obesity: an approach combining metabolomics with liver imaging and histology

Authors: Nahum Calvo, Raúl Beltrán-Debón, Esther Rodríguez-Gallego, Anna Hernández-Aguilera, Maria Guirro, Roger Mariné-Casadó, Lidón Millá, Josep M. Alegret, Fàtima Sabench, Daniel del Castillo, María Vinaixa, Miguel Àngel Rodríguez, Xavier Correig, Roberto García-Álvarez, Javier A. Menendez, Jordi Camps, and Jorge Joven

Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 15500

The manuscript has been improved according to the suggestions of reviewers:

1 Format and presentation standards have been updated according to the Editor's comments. Please note that in the COMMENTS section, the peer review, subsection 6 has been interpreted and subject to possible changes accordingly. Please also note that statements have been written immediately before the data of the corresponding author.

2 Revision has been made according to the suggestions of the following reviewers. The authors gratefully acknowledge their efforts.

(1) 00071652

This is a good study which evaluated the efficacy of MRI imaging in NAFLD.

"you performed liver biopsy before and after surgery. How did you evaluate liver biopsy? Fibrosis score ? Etc.. Did you use Brunt classification ? you wrote only steatosis percent in the text"

Please note that to avoid misinterpretations, we have further described our procedures associated with the liver biopsy in the Methods section.

You should detail the liver biopsy and correlation with the MRI findings.

Accordingly, we have further highlighted this point.

(2) 00182548

The article is very interesting and well written. The methodology and results are presented in detail, rigorous.

"Although the number of patients is small, the authors obtained statistically significant results"

We have highlighted this point in discussion and in abstract as a limitation of the study.

"The authors must add DOI at some references"

Please note that these DOI are not included in PubMed and we expect the indulgence of further editorial assistance, which probably handle better tools for finding them.

Starting from the obtained results, it would be useful that the authors add some directions for future research. The article is useful for practitioners and researchers.

We agree and this suggestion has been considered in rewriting some aspects of the discussion.

I think that it deserves to be published.

This is a greatly appreciated comment.

(3) 00043980

1) *The authors do not mention the limitations of the study. Most glaring would be the low number of patients included in the final analysis.*

Please note that a subsection in discussion has been incorporated to highlight possible limitations. Furthermore, according to this comment, the low number of patients has been specifically highlighted also in the abstract

2) *Grammatical Errors: Page 3, lines 11-14: run-on sentence, consider revising Page 4, line 23: consider removing "a" from "to achieve with a simple" Page 5, line 31: consider removing "a" from " to obtain a 100%" Page 12, line 15: change "RMS" to MRS Pages 13-14 (lines 32 of page 13 to lines 1-3 of page 14): run-on sentence, consider revising*

All these considerations have been accepted and corrected in the revised manuscript. Thank you for the effort.

3 References and typesetting have been further revised. Please consider the point raised by reviewer 00182548; some DOI numbers were not available in the database we currently use. We respectfully require your editorial assistance for these few references.

Thank you again for publishing our manuscript in the *World Journal of Gastroenterology*.

Sincerely yours,



Dr. Jorge Joven

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