

January 17, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 7480-review.doc).

**Title:** CYP2E1 immunoglobulin G4 subclass antibodies after desflurane anesthesia.

**Author:** Batistaki C, Michalopoulos G, Matsota P, Nomikos T, Kalimeris K, Riga M, Nakou M, Kostopanagiotou G.

**Name of Journal:** *World Journal of Hepatology*

**ESPS Manuscript NO:** 7480

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

1 Format has been updated in the whole manuscript according to instructions for authors.

2 Revision has been made according to the suggestions of the reviewer 02453987:

Thank you for your comments.

No revision was required according to this reviewer.

Language polishing has been performed by an official English editing site and the manuscript now has a certificate of English language editing.

Revision has been made according to the suggestions of the reviewer 02462225:

(1) As authors said the group of ? control ? patients receiving a regional anesthesia is too small to conclude anything about the data. Is it relevant to keep these data (tables 4 and 5)

Answer: Thank you for your comments. We have removed the Tables 4 and 5 and added the main data into the text, in the results section as you suggested. The table number 6 has been renumbered as Table 4.

(2) They found no significant results between the increase of IgG4 after anesthesia in the group of patient who had previous anesthesia. However, they found a true tendency of the level of IgG4 between the group with no previous anesthesia and the group receiving previous anesthesia. Maybe a wilcoxon analysis could be more appropriate to compare the data of patient before and after anesthesia which could limit or highlight differences.

Answer: The Mann Whitney test which was performed in our study, is a non-parametric test for non matched variables, and it was applied concurrently to the Wilcoxon by the statistical programme (as a Wilcoxon-Mann Whitney test). The Mann Whitney test represents a broader term according to the biostatistician, which includes non parametric tests, one of which is the Wilcoxon. Additionally, the "previous anesthetic exposure" section on the results, has been slightly modified in order to point out the main findings of the study. Corrections have been marked in red into the manuscript.

(3) The cohorts of patients was relatively small, but the authors discussed this point is important due to the pathology has a low incidence (around 20/100000). This is the worst point and the weakness of the study.

Answer: Yes, you are absolutely right and we have discussed this limitation. However, we believe that the data revealed from this study are important for future comparisons.

(4) Maybe the star of the ? p value ? could be added for the three data which are significant to

improve the reading.

Answer: Thank you for your comment. We have added a star for the p value in cases where it was statistically significant according to your suggestions.

(5) Table 6 The number of patients in each group much be added, 12 for the group who had not received previous general anesthesia and 27 for the other one.

Answer: We have added the number of patients in each group according to your suggestion.

3 References and typesetting were corrected.

4. As for the figure included in the manuscript, please let us know what editing changes are required and we will fix it through the statistical programme.

All major corrections have been marked in red into the main manuscript.

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

Sincerely yours,

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