

## Answers for reviewers

Reviewer #1:

**Scientific Quality:** Grade A (Excellent)

**Language Quality:** Grade A (Priority publishing)

**Conclusion:** Accept (High priority)

**Specific Comments to Authors:** The manuscript was well written, the authors used important references and approximately 1/3 of them are less than 5 years old. Only a typo persists. In the first paragraph of the Ethical statements: instead of 'manuscript came form a research ...' I think the authors wanted to say: manuscript came FROM a research ...'.

Thank you for reviewing our manuscript and for your comments.

We corrected the typo in the Ethical statements paragraph. Also, minor improvement in English language was performed.

Reviewer #2:

**Scientific Quality:** Grade C (Good)

**Language Quality:** Grade B (Minor language polishing)

**Conclusion:** Minor revision

**Specific Comments to Authors:** In the method you talk about evaluation of fibrosis using a non-invasive assessment: please provide more details. Among 51 patients includes, we analyzed 33 patients for the HSD17B13 genotype. Why did you not analysed the others? I suggest you take more details.

Thank you for reviewing our manuscript and for your comments.

We used for the assessment of fibrosis the non-invasive evaluation of the liver stiffness by Fibroscan (transient elastography) as presented in one of our previous cited work. We perform this evaluation on the diagnosis moment and during the follow-up. We have mentioned in the revised version of the manuscript this aspect.

Regarding the evaluation of the HSD17B13 genotype this was possible only during the last half of the study period, when it was also reported in the literature as a protective factor for liver diseases. Our patients were included in the study since 2006. So, only for the last included patients (33) in the study this evaluation was possible. We mentioned this in the revised version of the manuscript.

Also, minor improvement in English language was performed.

## Answers for EDITORS

(1) Science editor:

1 Scientific quality: The manuscript describes a Retrospective Study of the Genotype-phenotype correlation in Wilson disease. The topic is within the scope of the WJG.

(1) Classification: Grade A and Grade C;

(2) Summary of the Peer-Review Report: The manuscript was well written, the authors used important and novel references. Authors should provide more details of evaluation of fibrosis using a non-invasive assessment. The questions raised by the reviewers should be answered;

We addressed the questions of the reviewers and made minor improvements of the manuscript (we explained the non-invasive method used for fibrosis evaluation and we explained also that only the last 33 patients were evaluated for HSD17B13:TA, rs72613567 variant due to technical availability of the test.

(3) Format: There are 3 tables;

(4) References: A total of 44 references are cited, including 9 references published in the last 3 years;

We excluded one reference, so the final number is 43.

(5) Self-cited references: There are 5 self-cited references. The self-referencing rates should be less than 10%. Please keep the reasonable self-citations (i.e. those that are most closely related to the topic of the manuscript) and remove all other improper self-citations. If the authors fail to address the critical issue of self-citation, the editing process of this manuscript will be terminated.

We deleted one reference of an abstract regarding genotype-phenotype analysis (even that this is related to this manuscript). Therefore, there are only 4 self-citations (two of them of very important papers published in Hepatology and Gastroenterology, one regarding the non-invasive methods used in WD for evaluation of the fibrosis – one of the first papers in this field, and one regarding the frequency of WD in ALF cases in children).

In this way there are only 4 self-citations from 43 references, 9.3%, but we consider these papers important for the aim of this manuscript.

2 Language evaluation: Classification: Grade A and Grade B. The manuscript is reviewed by a native English speaker.

Minor improvements were made.

3 Academic norms and rules: The authors provided the Biostatistics Review Certificate, the Institutional Review Board Approval Form and the Written informed consent. No academic misconduct was found in the Bing search.

4 Supplementary comments: This is an invited manuscript. No financial support was obtained for the study. The topic has not previously been published in the WJG.

5 Issues raised:

(1) The "Author Contributions" section is missing. Please provide the author contributions;

We provided the author contribution through the automatic system, and it is included in the revised manuscript.

(2) The "Article Highlights" section is missing. Please add the "Article Highlights" section at the end of the main text;

We provided the Article highlights through the automatic system, and it is included in the revised manuscript.

(3) For PMID and DOI numbers of references from English-language journals, please ensure there is a space between the PMID and DOI numbers in the square brackets. PMID numbers are not required.

6 Recommendation: Conditional acceptance.

(2) Company editor-in-chief: I recommend the manuscript to be published in the World Journal of Hepatology.