

## PEER-REVIEW REPORT

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

**Manuscript NO:** 34473

**Title:** Regional differences in genetic susceptibility to non-alcoholic liver disease in two distinct Indian ethnicities

**Reviewer's code:** 00052707

**Reviewer's country:** China

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2017-04-28

**Date reviewed:** 2017-05-04

| CLASSIFICATION                                    | LANGUAGE EVALUATION   | SCIENTIFIC MISCONDUCT                          | CONCLUSION   |
|---|---|--|--|
| <input type="checkbox"/> Grade A: Excellent       | <input type="checkbox"/> Grade A: Priority publishing                 | Google Search:                                 | <input checked="" type="checkbox"/> Accept             |
| <input type="checkbox"/> Grade B: Very good       | <input checked="" type="checkbox"/> Grade B: Minor language polishing | <input type="checkbox"/> The same title        | <input type="checkbox"/> High priority for publication |
| <input checked="" type="checkbox"/> Grade C: Good | <input type="checkbox"/> Grade C: A great deal of language polishing  | <input type="checkbox"/> Duplicate publication | <input type="checkbox"/> Rejection                     |
| <input type="checkbox"/> Grade D: Fair            | <input type="checkbox"/> Grade D: Rejected                            | <input type="checkbox"/> Plagiarism            | <input type="checkbox"/> Minor revision                |
| <input type="checkbox"/> Grade E: Poor            |   | [Y] No   | <input type="checkbox"/> Major revision                |
|   |   | BPG Search:                                    |  |
|   |   | <input type="checkbox"/> The same title        |  |
|   |   | <input type="checkbox"/> Duplicate publication |  |
|   |   | <input type="checkbox"/> Plagiarism            |  |
|   |   | [Y] No   |  |

## COMMENTS TO AUTHORS

This paper summarize the association of variants in PNPLA3 (rs2281135) and TM6SF2 (rs58542926) genes with ultrasound detected Non-alcoholic fatty liver disease. This paper deserves to be accepted.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 34473

**Title:** Regional differences in genetic susceptibility to non-alcoholic liver disease in two distinct Indian ethnicities

**Reviewer's code:** 02569202

**Reviewer's country:** Spain

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2017-04-28

**Date reviewed:** 2017-05-08

| CLASSIFICATION                                    | LANGUAGE EVALUATION   | SCIENTIFIC MISCONDUCT                          | CONCLUSION   |
|---|---|--|--|
| <input type="checkbox"/> Grade A: Excellent       | <input type="checkbox"/> Grade A: Priority publishing                 | Google Search:                                 | <input type="checkbox"/> Accept                        |
| <input type="checkbox"/> Grade B: Very good       | <input checked="" type="checkbox"/> Grade B: Minor language polishing | <input type="checkbox"/> The same title        | <input type="checkbox"/> High priority for publication |
| <input checked="" type="checkbox"/> Grade C: Good | <input type="checkbox"/> Grade C: A great deal of language polishing  | <input type="checkbox"/> Duplicate publication | <input type="checkbox"/> Rejection                     |
| <input type="checkbox"/> Grade D: Fair            | <input type="checkbox"/> Grade D: Rejected                            | <input type="checkbox"/> Plagiarism            | <input type="checkbox"/> Minor revision                |
| <input type="checkbox"/> Grade E: Poor            |   | <input checked="" type="checkbox"/> No         | <input type="checkbox"/> Major revision                |
|   |   | BPG Search:                                    |  |
|   |   | <input type="checkbox"/> The same title        |  |
|   |   | <input type="checkbox"/> Duplicate publication |  |
|   |   | <input type="checkbox"/> Plagiarism            |  |
|   |   | <input checked="" type="checkbox"/> No         |  |

## COMMENTS TO AUTHORS

The present work deals with a human study in which genetic susceptibility to NAFLD in two Indian ethnicities is evaluated. This study constitutes an interesting work as the identification of population at risk is always desirable. Some aspects should be checked before the acceptance of the work:

- Introduction: Please, define clearly both ethnicities (in which region do they live? Or any other remarkable characteristic)
- Material and methods: Please, provide the approval number provided by the ethical committee to perform the study.
- Results and discussion: Is there any relation with sex? Please, discuss about the weak and strong parts of the study (could sex be a confounder and so on)
- Tables: Please, combine tables 1 and 4 into a unique table to avoid the repetition of data.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 34473

**Title:** Regional differences in genetic susceptibility to non-alcoholic liver disease in two distinct Indian ethnicities

**Reviewer's code:** 02860618

**Reviewer's country:** Italy

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2017-04-28

**Date reviewed:** 2017-05-19

| CLASSIFICATION                                    | LANGUAGE EVALUATION   | SCIENTIFIC MISCONDUCT                          | CONCLUSION   |
|---|---|--|--|
| <input type="checkbox"/> Grade A: Excellent       | <input type="checkbox"/> Grade A: Priority publishing                 | Google Search:                                 | <input type="checkbox"/> Accept                        |
| <input type="checkbox"/> Grade B: Very good       | <input checked="" type="checkbox"/> Grade B: Minor language polishing | <input type="checkbox"/> The same title        | <input type="checkbox"/> High priority for publication |
| <input checked="" type="checkbox"/> Grade C: Good | <input type="checkbox"/> Grade C: A great deal of language polishing  | <input type="checkbox"/> Duplicate publication | <input type="checkbox"/> Rejection                     |
| <input type="checkbox"/> Grade D: Fair            | <input type="checkbox"/> Grade D: Rejected                            | <input type="checkbox"/> Plagiarism            | <input type="checkbox"/> Minor revision                |
| <input type="checkbox"/> Grade E: Poor            |   | [Y] No   | <input type="checkbox"/> Major revision                |
|   |   | BPG Search:                                    |  |
|   |   | <input type="checkbox"/> The same title        |  |
|   |   | <input type="checkbox"/> Duplicate publication |  |
|   |   | <input type="checkbox"/> Plagiarism            |  |
|   |   | [Y] No   |  |

## COMMENTS TO AUTHORS

The paper by Govardhan Bale and co-workers studied the distribution of PNPLA3 and TM6SF2 SNPs in two different Indian ethnicities (ancestral South and North-East), and their association with ultrasound-diagnosed fatty liver. My main concern about this study is related to the distribution of both SNPs in ASI and NEI. The Authors should compare it, similarly to what they did in table 4 for clinical data, and re-evaluate all the study based on possible ethnic distribution differences. Minor points: - table 4 should be presented as Table 2 (please modify the results' section); - tables should report also % data.