

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 39503

Title: PNPLA3 rs738409 underlies treatment response in nonalcoholic fatty liver disease

Reviewer's code: 00053423

Reviewer's country: Brazil

Science editor: Jin-Lei Wang

Date sent for review: 2018-04-24

Date reviewed: 2018-05-01

Review time: 7 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The study of Wang et al is a well performed review reporting studies that support a possible role in PNPLA3 polymorphisms as determinants of response to treatment options of NAFLD. I have a suggestion to improve the quality of the manuscript. However, I think that for complex diseases like NAFLD, the effect of any genetic risk



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variant is unlikely to be sufficient to be clinically meaningful , nonetheless the identified NAFLD risk loci do provide hope for the development of risk algorithms for improved patient stratification and management. Maybe the authors should also address this aspect , the I148 PNPLA3 is one of the genetic variant most associated with NAFLD , but not the only one .

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No