

**ESPS Peer-review Report**
**Name of Journal:** World Journal of Hepatology

**ESPS Manuscript NO:** 11257

**Title:** INSULIN RESISTANCE AND STEATOSIS IN HBV-HCV CO-INFECTED PATIENTS: ROLE OF PNPLA3 POLYMORPHISMS AND IMPACT ON LIVER FIBROSIS PROGRESSION.

**Reviewer code:** 00185907

**Science editor:** Xiu-Xia Song

**Date sent for review:** 2014-05-13 20:58

**Date reviewed:** 2014-05-19 22:54

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

**COMMENTS TO AUTHORS**

What was the source of infection? Any comorbid disease? ? Abstract: PNPLA3 gene polymorphisms.....elaborate!!! HBV-HCV co-infection.....elaborate!!! ? INTRODUCTION: All references written as [1 2 3] must be placed before the full stop. ? PATIENTS AND METHODS: All blood samples were withdraw at the time of ..... All blood samples were withdrawn at the time of Serum insulin and HOMA-IR.....Elaborate!!! using HCV genotype assay Lipa.....Elaborate!!! ? DISCUSSION: not permit to drawn conclusion..... not permit to draw conclusion.

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**Title:** INSULIN RESISTANCE AND STEATOSIS IN HBV-HCV CO-INFECTED PATIENTS: ROLE OF PNPLA3 POLYMORPHISMS AND IMPACT ON LIVER FIBROSIS PROGRESSION.

**Reviewer code:** 01136482

**Science editor:** Xiu-Xia Song

**Date sent for review:** 2014-05-13 20:58

**Date reviewed:** 2014-06-13 21:44

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

Introduction section: The author reported that a close association between steatosis and insulin resistance (IR) has been reported in HCV non-3 genotype-infected patients, but, IR is not a feature of genotype-3 infection. The pathogenetic link between IR and chronic HCV infection is complex and is associated with HCV genotype. However, liver steatosis is the most common in the patients infected with genotype 3 virus, possibly due to direct effects of genotype 3 viral proteins. To the contrary, hepatic steatosis in the patients infected with other genotypes is thought to be mostly due to the changes in host metabolism, involving IR. In HCV genotype 3, liver steatosis correlates with viral load, reverts after reaching the sustained virologic response and reoccurs in the relapsers. Patients section: Alle the patients are Italian, but all the patients are Caucasian? Methods section: In the present study, the echogenic study of the liver, to detect steatosis with a score (i.e. Hamagouchi score) was made? Please revise the use of the acronyms in the text (i.e. insulin-resistance) Please revise the references section, and report all references with the same style.