

Dear Reviewers thanks for your comments concerning our manuscript: **“Insulin resistance and liver steatosis in chronic hepatitis C infection genotype 3”**. We read the comments and we made some corrections in the manuscript.

Responds to the reviewer’s comments:

Reviewer #1:

1. The authors are recommended to add a figure illustrating HCV viral protein’s effect on hepatocyte mitochondrial function or microsomal changes delineating the genotype differences and mutation studies.
2. Page 3 line 17-20 as reference 24 reported the effects of HCV genotype 1b core protein, do not mention genotype 3 phenomenon in this sentence.

Response:

1. We added in the paragraph 2 some information about relationship between HCV core protein and metabolic factors in the development of insulin resistance and steatosis, and we explained all the intracellular pathways involved, delineating HCV viral protein’s effect on hepatocyte. We also added two figures illustrating HCV viral protein’s effect on mitochondria and microsomes (Figure 1 and figure 2).
2. The sentence was modified.

Reviewer #2:

1. The number of references is a little bit short for a review.
2. It could be great to add a figure showing the intracellular pathways involved in the suggested HCV steatosis inducing mechanism
3. Authors could add some information about new direct acting antivirals in genotype 3 patients such as sofosbuvir and speculate about the role HCV-G3 induced insulin resistance and the suboptimal response of this genotype to this new treatment.

Response:

1. There are 14 new references in our manuscript.

2. We have added in the text (paragraph 2) some information about intracellular mechanism involved in steatosis development induced by HCV core protein, and we have added a figure (Figure 1) showing all the intracellular pathways involved in this mechanism.
3. We have added in the paragraph 3 some discussion about direct-acting antiviral drugs (DAAs) in genotype 3 patients, and about the response of this genotype to this new treatment.

Reviewer #3:

Thank you for your positive comments.