

## Review Form 1.6

Journal Name:	<a href="#">Journal of Advances in Medicine and Medical Research</a>
Manuscript Number:	Ms_JAMMR_75629
Title of the Manuscript:	Association of Adiponutrin / Patatin Like Phospholipase 3 (PNPLA3) I148M Gene Variant with Chronic Hepatitis C in Egyptian Children
Type of the Article	Original Research Article

### **General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Compulsory</b> REVISION comments	<p>The authors evaluated the association of PNPLA3-I148M gene variant with the severity of liver fat content and liver fibrosis in 50 Egyptian children with CHC. They showed that CG/GG variant were significantly associated with histopathological liver steatosis and fibrosis stages and inflammatory activity grades. The manuscript is interesting. But I have several major concerns.</p> <p>Major comments</p> <p>#1. The number of the patients (50) studied is too small.</p> <p>#2. The authors excluded the patients with overweight or obese. Please describe the definition of overweight and obese.</p> <p>#3. P4. The 3 sections, "Genotyping assay For PNPLA3-I148M Gene variant by Real-time polymerase chain reaction", "Genotyping of adiponutrin variant", and "Allelic Discrimination plate read and analysis", are redundant. They should be described briefly in one section.</p> <p>#4. P7. The section of "Liver enzymes and lipid profile variables and in relation to the genotypes" and Table 6 are redundant and not needed, since the similar findings are presented in the prior section and Table 5.</p> <p>#5. The section of "Correlation study between Adiponutrin gene variants and results of clinico-laboratory data among the studied patients" and Table 7 are redundant and not needed, since the similar findings are presented in the prior section and Table 5.</p> <p>#6. P9. The section of "Correlation study between Adiponutrin gene variants and results of FibroScan and histopathological parameters among the studied patients" and Table 10 are redundant and not needed, since the similar findings are presented in the prior section and Table 8.</p> <p>#7. P12, lines 4-7. These sentences are redundant.</p> <p>#8. P12, lines 12-15. These sentences are redundant.</p> <p>#9. P12, lines 25-28. These sentences are redundant.</p> <p>#10. P12, lines 33-37. These sentences are redundant.</p> <p>#11. P13, lines 3-8. These sentences are redundant.</p> <p>#12. P13, lines 14-18. These sentences are redundant.</p> <p>#13. P13, lines 26-27. The authors did not present any data of IL28B gene polymorphism.</p> <p>#14. P13, lines 33-35. The authors did not present any data of IFNL3 gene polymorphism.</p>	

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<b>Minor</b> REVISION comments	Minor comments #1. P3, line 37. "triglycerides (TG) dl" . What is "dl"? #2. P4, line 6. "a 5 nuclease Taqman". What is "5"? #3. P4, lines 37-38. "activity grade and fibrosis stage, steatosis" should be "activity grade, fibrosis stage, and steatosis". #4. P5, line 4. "Fisher's Exact Test (revise???)". What is "(revise???)"? #5. Table 1 and 5. Prothrombin time (seconds) is not needed, when INR is presented.	
<b>Optional/General</b> comments		

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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