



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2014_IJBcRR_14350
Title of the Manuscript:	A comparative analysis on the effect of settlement on lipid profile: A study of rural and urban school going male adolescents in Katsina State, Nigeria
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
<u>Compulsory</u> REVISION comments	1. The title doesn't match with the manuscript information. "Effect of settlement on lipid profile" means some intervention to settle the lipid profile to normal limits. But this study is a comparative cross-sectional descriptive study of lipid profile among male adolescents in rural and urban schools without any intervention (drugs, physical exercise, dietary modification etc...) The title could be " A comparative analysis of lipid profile among rural and urban school going male adolescents in Katsina state, Nigeria" 2. Aims and objectives need to be mentioned 3. Justification of the study should be more towards lipid profile as a cardiovascular risk rather than nutritional status as expressed in the manuscript 4. Sampling: when all students of two schools in respective age groups have been chosen (as stated in the manuscript), what is the purpose for stratified sampling? 5. Results: Table 4 and 5 – BMI and age showed a negative correlation with HDL CH which is a very important finding and needs to be reported and discussed FIG 2 and 6 Check the correlation – Appears more negative than positive	1. The authors agreed with the reviewer that the title is now: "A comparative analysis of lipid profile among rural and urban school going male adolescents in Katsina State, Nigeria", to reflect the nature of the study being a comparative cross-sectional descriptive study. 2. Aim and objectives were clearly stated at the end of the introduction in the text as highlighted. 3. Assessment of lipid profile as justification now included in the text as highlighted. 4. Stratified sampling was used because the two schools were chosen from a list of schools provided by the Ministry of Education. 5. Correlation between age, BMI with HDL-CH reported, is now discussed in the text as highlighted.



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	6. References :Check reference no.1 and 14. the statements do not correspond to the references quoted. REF 14 – Hesketh T, Ding QJ, Tomkins AM.....	6. Authors agreed with the reviewer that the statement now corresponds to the reference quoted.
<u>Minor</u> REVISION comments	1. Discussion :Reference numbers are to be quoted after the full stop 2. Conclusion: Since it is a comparative study comment should be made both on rural and urban findings especially in a comparative manner. It should more so reflect the title. FOR EXAMPLE: Although significant correlations were found between age, BMI and the concentrations of serum lipid in our rural adolescents, in our urban adolescents, significant correlations were found between BMI, AGE and lipid concentrations only for LDL CH and TG concentrations. However the lipid profile in both rural and urban setting is indicative of low risk for cardiovascular diseases.....	1. Reference numbers should be quoted before the full stop, not after the full stop. 2. Reviewer's comment noted. Conclusion on findings presented in a comparative manner as highlighted in yellow colour.
<u>Optional/General</u> comments	1. Minor grammatical errors need to be checked 2. Comma and full stop marks to be checked	1. Minor grammatical errors checked and corrected. 2. Comma and full stop checked and corrected.