

Review Form 1.6

Journal Name:	Asian Journal of Research and Reports in Endocrinology
Manuscript Number:	Ms_AJRRE_85478
Title of the Manuscript:	Assessment of some Obesity and Diabetes type 2 markers and their association with fat-mass and obesity-associated gene (FTO) variants in some selected ethnic populations in Niger Delta, 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:

(<https://www.journalajrre.com/index.php/AJRRE/editorial-policy>)

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)
Compulsory REVISION comments	<p>The contents of the manuscript remains clinically relevant considering the escalating global trend of obesity-associated type 2 diabetes</p> <p>However, the following major issues need to be addressed:</p> <ol style="list-style-type: none">1. The authors failed to describe how the referenced SNP was genotyped including the specimen used. This is a major methodological flaw of this manuscript which need to be addressed by the authors.2. The authors mentioned the use of general linear regression and Pearson's correlation statistics as footnotes during the presentation of Tables 3-19; however, these were not mentioned in the Materials & Methods section. Authors should reconcile this.3. The Tables are numerous and their contents very ambiguous. The numbers of Tables should be scaled down and should be simplified for easy comprehension. The general linear regression & Pearson's correlation coefficients with their individual p-values should be well-delineated	<ol style="list-style-type: none">1. Methods for SNP genotyping has been included in the manuscript.2. The use of linear regression and Pearson's correlation has been included in the statistical analysis.3. The tables are different, and each represents the association between the stated gene and the analysed biochemical parameters.
Minor REVISION comments	<p>In the Sample Collection description in the Materials and Methods:</p> <ol style="list-style-type: none">1. Authors should correct "fasting blood sugar" to fasting blood glucose"2. Authors should also state how long it took to analyse samples for fasting blood glucose since the standard specimen tube for blood glucose (fluoride oxalate tube) was not used here.	<ol style="list-style-type: none">1. All has been corrected.2. Fluoride oxalate tube was used and has been stated.
Optional/General comments	<p>There are some spelling and grammatical errors noted within the manuscript. This should also be addressed by the authors.</p>	<p>All spelling and grammatical errors have been addressed.</p>

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PART 2:

	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)
Are there ethical issues in this manuscript?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	No ethical issues.