

Review Form 3

Journal Name:	Asian Journal of Biochemistry, Genetics and Molecular Biology
Manuscript Number:	Ms_AJBGMB_128391
Title of the Manuscript:	The influence of some variants of SLC22A1 and CYP2C9 genes on glycaemic response in T2DM subjects on metformin/Sulphonylureas combination therapy in Port Harcourt
Type of the Article	Original Research Article

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	The study is interesting because it explores the effect of genetic polymorphisms on the efficacy of a vital therapy in T2DM. The study also explores the allele frequencies in Nigerian population, the data can be used by future researchers.	
Is the title of the article suitable? (If not please suggest an alternative title)	<ol style="list-style-type: none"> Place name in the title can be changed to Nigeria than Port Harcourt (Nigeria as a country is more identifiable than a city and the population of Port Harcourt is not genetically unique) 'Some' variants can be removed. Suggested title 'Influence of <i>SLC22A1</i> and <i>CYP2C9</i> genetic polymorphisms on glycemic response in T2DM subjects on metformin/ Sulphonylurea combination therapy in Nigeria' 	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	<ol style="list-style-type: none"> Results: 'p' letter is missing for the significance value reporting. The first line in the Results section needs to be supported by p value. Adjusted OR and Confidence interval can be added to give the readers more information 	
Is the manuscript scientifically, correct? Please write here.	<ol style="list-style-type: none"> Inclusion criteria should have included the ethnicity (native Nigerian or mixed ethnicities?), patients who were willing to provide informed consent. Exclusion criteria should mention comorbidities like hepatic, renal dysfunction Sample collection: 10 'mls' should be changed to 'ml' Title of the study does not justify why lipid profile was tested in the study, rationale needs to be explained, metformin /SU do not lower cholesterol, so the study adds confusion Primary and secondary objectives are not mentioned at all – NEEDS ADDRESSAL Definition of controlled and uncontrolled diabetes is not mentioned Authors need to mention that the study was conducted in accordance with 'Declaration of Helsinki' 	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References are good and sufficient	
Is the language/English quality of the article suitable for scholarly communications?	Language used in the article is of academic quality	
Optional/General comments	<ol style="list-style-type: none"> The authors have mentioned the city under study area, it would be good if the authors could highlight why they are emphasizing on the location of the city etc? is the population of Port Harcourt genetically unique from the rest of Nigeria? If there is no such significance, the study area can be removed and 'study site' can be mentioned with reference to the hospital name etc Sample size calculation takes only the prevalence of T2DM, for genetic studies it should include the minor allele frequency. For ex if the minor allele frequency is 0.01% one would need 100 patients to detect 1 MAF. Inclusion and exclusion criteria could have been more extensive as it adds validity to the study 	

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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