SDI Review Form 1.6

Journal Name:	**International Journal of Biochemistry Research & Review**
Manuscript Number:	**Ms_IJBCRR_35257**
Title of the Manuscript:	**Hepatic lipase influences plasma lipid profiles and lipoprotein ratios in Lagos University Teaching Hospital patients with Ischemic stroke**
Type of the 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)

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	**Abstract:** - Abstract should be more informative about the way controls and cases are split to 3 groups. - Blood pressure is not an anthropometric measure and should be put separately from it. - Why is blood pressure being the only clinical criteria mentioned in the abstract's results section? Abstract should only demonstrate results relevant to the aim. - Authors state that P value for hepatic lipase difference is <0.05 at the beginning and =0.001 at the	

	end of the sentence! Which one is it? **Introduction:** - There is no need to put general information like definition of CVD or how blood clots and thrombi cause ischemic stroke as they serve nothing to support the aim of the study. **Methods:** - Authors describe their controls as this: “The healthy individuals (control subjects) consist of 100 individuals within the same age range and socio-economic status as the ischemic stroke patients.” Using the description term “the same as” cannot be accurate and is better replaced with “matched” or any other more scientific term. - Authors mentioned having inclusion and exclusion criteria yet they did not put them in their methodology section. - Patients with stroke maybe unable to give an informed consent for several reasons, authors failed to mention their protocol of consent in such patients. - It is not clear in the methodology whether there was a duration after the onset of stroke used in the inclusion of patients or not. - How wad body weight and height measured in stroke patients who were unable to stand? **Results:** - Table 1 actually belongs to the methodology section. - There is an overlap of numbers in table 3. - Why didn’t the authors put cigarette smoking, alcohol consumption, and DM data in the results section? These data could contribute to the results found and may influence the regression analysis results. The results section should be modified to include them. **Discussion:** - The discussion -from its name- is about discussing how your results relate to the pool of similar research.	

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	But authors here present information that can be put in the introduction section or be removed for not being closely relevant to the research questions (e.g the information on genetic factors and polymorphism related to hepatic lipase, mortality data, ….etc.). - Repetitions of the information in the introduction should be removed. - When putting supporting research, you should provide information about sample and methodology. Contradictory results should also be provided and arguments about the reasons of contradiction should be given.	
Minor REVISION comments	- Language need serious revision for typos and grammatical errors. Authors say: "Studies have shown that plasma lipid concentrations are modulated by both environmental factors such as demographics [15], exercise [16], diet [17], alcohol consumption [18], cigarette smoking [18-19], obesity [20], hypertension [21] as well as genetic factors." This statement although true but not inclusive of diseases that influence lipid concentrations and at the top of one's mind comes DM. -	
Optional/General comments		

Reviewer Details:

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