

## Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Biochemistry, Genetics and Molecular Biology</a>
Manuscript Number:	Ms_AJBGMB_90169
Title of the Manuscript:	Assessment of Oxidative Stress level in HIV/AIDS patients on HAART treatments
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

	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)
<b>Compulsory</b> REVISION comments	<p>-Also state clearly all the exclusion criteria like: <b>people &lt;20years and &gt;60yerars.</b></p> <p>-Also state clearly your inclusion criteria, it is confusing when you mentioned in your objective as “ <b>to assess oxidative stress levels in people living with HIV/AIDS on HAART treatment</b>”, which mean this involve both HIV and AIDS clients. <b>But in the text you talked exclusion of AIDS patients.</b></p> <p>-To make it well understood, state all the exclusion criteria separately and do not include it under the inclusion criteria.</p> <p>- The first sentence of “<b>SAMPLE SIZE</b>”, you mentioned that there are 3 groups of studied participants (HIV +V on HAART, HIV +V not on HAART and HIV –V), but referring to the tables, you did not mentioned about the “<b>HIV +V not on HAART</b>”.</p> <p>-All the titles of Figures and Tables should include “ <b>Person, Place and Time</b>”</p> <p>-Indicate the total number of HIV patients who were taking treatment at the study site</p> <p><b>Under Discussion (4<sup>th</sup> sentence):</b> The results obtained from our studies shows that HIV positive patients produces more free radicals (ROS) than the HIV negative individuals and furthermore those on HAART also produces more free radicals than the HIV positive patients not on HAART (HAART Naïve). <b>You have to state clearly the group of HIV naïve on your tables and also mentioned it in the text.</b></p>	
<b>Minor</b> REVISION comments	<p>- Under sample size: A total of 120 subjects of both sexes (Table 1) aged between 20 to 60 years (Table 2) <b>was</b> studied prospectively (I think it should be written as “<b>were</b>” instead of was.</p> <p>-Under Statistical Analysis: The various results obtained <b>was</b> subjected to statistical analyses using One-way analysis (ANOVA), and student's T-test. (think it should be written as “<b>Were</b>” because results is plural).</p> <p>- <b>Under Response of Reduce Glutathione (GSH)</b> In the results of the response of glutathione to the test patients, it showed a significant <b>decrease</b> (p&lt;0.05) <b>decrease</b> in the level of glutathione in HIV positive patients on HAART while an increase in the level of glutathione was observed in the control (Figure 3). <b>(delete one of the decrease).</b></p> <p>- <b>Under Discussion (last sentence of the 3<sup>rd</sup> paragraph):</b> <b>SOD in response dismutase the activity of the harmful oxygen molecules</b> thereby preventing damage to tissues and this action lead to reduction in the level of SOD. <b>You have to read and reformulate this sentence for some grammatical issues.</b></p> <p>-<b>Under Discussion (2<sup>nd</sup> sentence, 4<sup>th</sup> paragraph):</b> Glutathione just like SOD also help in the breakdown of harmful oxygen molecules in cells due to reactive oxygen <b>specie</b> produced by the presence of HIV virus and administration of HAART leading to oxidative stress. I think it should be written as “<b>species</b>”</p> <p>-<b>Read carefully all the text perfect the quality of the work.</b></p>	
<b>Optional/General</b> comments	-Under Abbreviation: <b>PEPFER</b> : I think it should be “ <b>PEPFAR</b> ”	

### 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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

### Reviewer Details:

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