



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Journal of Biochemistry, Genetics and Molecular Biology</a>
Manuscript Number:	<b>Ms_AJGMB_52342</b>
Title of the Manuscript:	<b>Biochemical Changes Associated with Consumption of Garri Processed by Traditional and Instant Mechanical Methods in Wistar Rats</b>
Type of the Article	<b>Original Research Article</b>

**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)
<p><b>Compulsory</b> REVISION comments</p>	<p>LINE 16      <i>ad libitum</i>      NOT ITALICIZED</p> <p>LINE 24      respectively      HOW?</p> <p>LINES 161-162 Which type of cassava was used for this study?</p> <p>LINES 102-112      On 20<sup>th</sup> March 1994, one Mrs. Loveth Osueke was reported in the National dailies to have died after eating African Salad made from cassava which she bought from Ariaria market in Aba, Abia State, Nigeria. More recently, it was also reported in the national dailies on Tuesday 1<sup>st</sup> November, 2016 that six persons (including a mother, her three children and her two neighbours) died after consumption of cassava product ('lafun') in Ogaminana area of Okene in Kogi State, Nigeria [11]. DELETE, INTRODUCTION UNNECESSARILY LENGTHY</p> <p>LINES 149-151      Increases between 23 and 29 °C higher than the temperature outside the heaps (2 to 12 °C). RECAST</p> <p>LINES 102-112      Cassava samples were obtained from the <i>International Institute of Tropical Agriculture WHICH VARIETY WAS USED FOR THE STUDY? BE SPECIFIC.</i></p> <p>FIGURE 1      (with or without addition of palm oil SINCE THERE WAS ONLY ONE GROUP, AND THE STUDY HAS BEEN CONCLUDED, DID YOU USE OR NOT USE PALM OIL.</p> <p>TABLES      The superscripts a and b in the TABLES, WHAT DO THEY MEAN? EXPLAIN WHAT THEY MEAN IN THE LEGEND</p> <p>The result of AST and ALT observed in this study corresponds with the work of Kadiri and Asagba [31] who reported an increase in the activities of AST and ALT when animals were exposed to cyanide directly above 2 mg but <b>a decrease in animals exposed to food contaminated with less than 2 mg cyanide. THIS STATEMENT IS NOT CORRECT. AT ALL DOSAGE LEVELS</b> Kadiri and Asagba [31] REPORTED INCREASE IN AST AND ALT LEVELS WHEN COMPARED WITH CONTROL. IT WAS JUST THAT THE INCREASES WERE MORE ABOVE 2mg OF CYANIDE</p> <p>I DON'T AGREE WITH THE DISCUSSION. CYANIDE AFFECTS ENZYME OF RESPIRATORY CHAIN AND THIS WILL NO DOUBT CAUSE CELL DEATH AND RESULT IN ELEVATION IN ALT AND AST. BOTH ARE NON-FUNCTIONAL PLASMA ENZYMES; THE RESULTS OF THE STUDY OF Kadiri and Asagba [31] DEMONSTRATED THIS. BUT THE RESULTS OF THIS STUDY SHOWED THAT WITH CYANIDE EXPOSURE AST AND ALT WERE SIGNIFICANTLY LOWER IN GARRI GROUPS COMPARED WITH CONTROL. THIS HAS NOT BEEN APPROPRIATELY DISCUSSED.</p> <p>LINES 574-585      THERE IS NOTHING TO SUGGEST THAT THE CASSAVA USED CONTAINED SUFFICIENT AMOUNT OF CYANIDE. CYANIDE LEVEL OF CASSAVA WAS NOT INVESTIGATED NEITHER WAS ANY METABOLITE OF CYANIDE IN SERUM</p>	



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	WHERE ARE THE HISTOLOGY RESULTS; IF THESE HAVE BEEN AVAILABLE THEY WOULD HAVE PROVIDED INFORMATION ABOUT AST AND ALT.	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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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