



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_26076
Title of the Manuscript:	Comparative Investigation of the Effects of the Commonly-consumed Aqueous Extracts of Hibiscus sabdariffa (Zobo Drinks) on Haematological Parameters using Normal Wistar Albino Rats
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:

(<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	<p>Title: Remove the word "the" from "the commonly used"</p> <p>Introduction</p> <ul style="list-style-type: none"> Line 14 – "Hibiscus varieties are planted for the fibres they produce." Rephrase the sentence. It is not clear. Line 15 – "names like Roselle and Sorrel in English and it is locally called zobo and Isapa in Nig". The sentence should be corrected to "H. sabdriffa is commonly known as Roselle" 	<p>Title: "The" has been removed</p> <p>Introduction: All corrections under this section have been effected.</p> <p>Materials and Method:</p> <ul style="list-style-type: none"> The animals were separated according to their weights in order to have uniformity in weight in each of the groups because; the concentration of the drinks was calculated based on the



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	<p>and sorrel in english and Zobo and Isapa in Nigerian”.</p> <ul style="list-style-type: none"> • Give a description of the flower. • The reference methods used in the paper are not clear. In certain places author's names are given while in other places, numbers are given. After reference number 4; no:12 can be found. • Line no: 24 -27 – The sentence is too long and not clear. • Line 43 – “cheap and easy to get” should be changed to “ cheap and easy to find” • Line 45 – “and in Nigeria particularly”. Change to “particularly in Nigeria”. □ • Line 47- “Within the University of Port Harcourt and Choba community, the rate of consumption of Zobo drink □by students and staff alike is enormous”. Rephrase the sentence. □ • Line 51 – “Therefore, this study is aimed at elucidating the impact different preparations of Zobo drink □haematological parameters using normal Wistar albino rats”. □Change the sentence to “Therefore, the present study aimed to elucidate the impacts of different preparations of Zobo drink on haematological parameters using Wister albino rats”. • Include the medicinal values of the drink and 	<p>average weight of the rats in each group. If the rats were grouped randomly, the differences in weight between rats in a particular group may be very wide and this will affect the concentration.</p> <ul style="list-style-type: none"> • The methods of preparation of groups B – E have been added. <p>Results and Discussion:</p> <ul style="list-style-type: none"> • Superscripts ‘a’ and ‘b’ as used in the table are indicative of statistically significant differences between the control and the other groups under comparison. Mean values of each parameter in a particular column with the same superscript with the control (assigned ‘a’) are not significantly different. Meanwhile, the parameters with superscript ‘b’ are significantly different when compared with the control (‘a’). • The table axes have been changed in order compare across the rows. • The scope of this study did not cover toxic effects. However, further studies on toxicological effects are suggested. • The reasons for the observed results are stated in the discussion.
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	<p>why authors are particularly interested in studying haematological parameters.</p> <p>Material and methods</p> <ul style="list-style-type: none"> • Line 65 – should be method described by • What are the animal house conditions • Why animals were separated according to their weights. They should be divided randomly to minimize bias • Give the detailed methodology of preparation of B, C, D and E. <p>Results and discussion</p> <ul style="list-style-type: none"> • What is meant by a. b in the table? • The table axes should be changed. It is easy to compare across than vertically • Are there any toxic effects? • What is the reason for observed results? Should be justified. 	
<u>Minor</u> REVISION comments	<p>The conclusion – How can authors conclude that the drink increase the blood volume.</p>	<p>The authors <u>suggested</u> that due to the significant elevations of Hb, PCV and RBC levels, the extracts <u>may</u> possess some properties that can increase blood volume. The levels of the above-stated parameters (Hb, PCV and RBC) are known to affect the total volume of blood. Therefore, their elevations by the samples as seen from the results, led to the suggestion that they may increase blood volume.</p>



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<u>Optional/General</u> comments	English grammar should be improved throughout.	Noted.
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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>	