



**SDI Review Form 1.6**

Journal Name:	<a href="#">International Blood Research &amp; Reviews</a>
Manuscript Number:	Ms_IBRR_29195
Title of the Manuscript:	Comparative Effect of Chilli Pepper Extract and Capsaicin on Some Haematological Parameters and Serum Electrolytes in Albino Wistar 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>)



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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>Line 48 : <b>The present study was carried out to assess the effect of administration of ethanolic extract of chilli pepper fruit and capsaicin to experimental rats on haematological parameters and serum electrolytes</b></p> <p>Line 120 Table (1) The unit of RBC count should be corrected to <math>10^6</math> per ml</p> <p>Table (1) : The RBC count, hemoglobin concentration and packed cell volume are much higher than the respective normal ranges reported by OLUWOLE (2001) <b>African J Biomedical Res 4: 139-141</b> of 6.0 million per ml , 43.8 % and 15 g /dl . The respective figures reported by <b>ANTAI et al., (2009)</b>. Nigerian J Physiol Sc 24 : 79 –83 were <b>4.444, 33.6 % and 14.1 g/dl</b>. The data reported by Olufunke Eunice Ola-Davies and Akinleye Stephen Akinrinde (2016). Pharmacognosy Res. 8(Suppl 1): S26–S30 were 7.86 million per ml, <b>46.6 % and 14.4 g/dl</b> . An additional column should be inserted in table (1) showing the normal ranges as reported in the literature and the reference between brackets.</p> <p>Line 143 Creatinine and urea should be separated from the title serum electrolytes. An additional table should be inserted with title such as : Table 4: Serum creatinine and urea contents among the control and treated rats.</p> <p><b>Line 211 The group on the chilli pepper diet showed slight increase in the platelet count compared to the</b></p>	<p>Noted. It's been included.</p> <p>RBC count was calculated in <math>\times 10^6</math> cell/<math>\mu</math>L</p> <p>The rats used by Oluwole and other authors so mentioned and the ones we used were of different weight and source and were exposed to different environmental conditions. None of the reports was taken as a standard for normal ranges of RBC count, haemoglobin concentration and packed cell volume. Our results are stated as observed from the study.</p> <p>This is not necessary as there are no internationally accepted normal ranges for rats at the moment to the best of my knowledge.</p> <p>Thanks. Urea and creatinine have been separated and table created.</p>



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	respective control group, which didn't reach significant levels ( $P>0.05$ ).	Already stated. Ref. blue font
<b>Minor</b> REVISION comments	Lines 39 to line 48 needs rephrasing  Line 101 – The title under results should be shortened <b>Haematological parameters among the control and treated groups</b>	Rephrased accordingly.  Done.
<b>Optional/General</b> comments	Plotting the results as histograms will be more illustrative and attractive.	The tables are quite understandable. Thank you.