



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2015_IJBcRR_17911
Title of the Manuscript:	SOME BIOCHEMICAL CHANGES IN SERUM OF FEMALE ALBINO RATS ADMINISTERED AQUEOUS EXTRACT OF PIPER GUINEENSE SEEDS
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>)



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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)
Compulsory REVISION comments	This study examined the biochemical changes in serum of female albino rats administered 8 aqueous extract of <i>Piper guineense</i> seeds extract. The test animals groups 2, 3 and 4 received 9 25mg/kg, 50mg/kg and 75mg/kg of the extract respectively for 21 days, while group 1 served as 10 control and received a placebo of 0.5% physiological saline which is the vehicle for administration. On the 22nd 11 day the test animals which have been fasted overnight were sacrificed with chloroform anesthesia. Blood was collected through cardiac puncture. Results show that serum protein, albumin and packed cell volume concentration significantly ($p \leq 0.05$) increased. Creatinine and urea levels decreased ($p \leq 0.05$) significantly, while cholesterol profile decreased ($p \leq 0.05$) significantly, except HDL. Superoxide dismutase, glutathione-s-transferase, increased ($p \leq 0.05$) significantly, while lipid peroxidation decreased. This study has shown that 17 nursing mothers in South East of Nigeria who use the <i>Piper guineense</i> seeds may derive 18 immense benefit from its effect on the biochemical parameters assayed in this study	



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	Kindly do the revision; language editing Results do not clearly show which group what changes have been described. Kindly explain the Gr 2,3,4 – please revise and indicate what changes are shown in group 2,3,4 individually.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Reviewer Details:

Name:	Anonymous
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