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Journal Name:	**International Journal of Biochemistry Research & Review**
Manuscript Number:	**2015_IJBcRR_17911**
Title of the Manuscript:	**SOME BIOCHMICAL 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 *Piper guineense* 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 *Piper guineense* 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 he Gr 2,3,4 – please revise and indicate what changes are shown in group2,3,4 individually.	Agreed and corrected The group 2, 3, 4 were stated under treatment of animals. The administration of the *Piper guineense* seeds extract was by oral intubation once daily at 25mg/kg body weight, 50mg/kg body weight and 75mg/kg body weight for group 2, 3 and 4 animals respectively for 21 days. The changes observed are shown in the results (table 1-4) and also discussed in the discussion section.
Minor REVISION comments		
Optional/General comments		