

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_24356
Title of the Manuscript:	Sorghum –garlic blended diet prophylactically fed to experimental rats prevent the establishment of trypanosomes in the T.b brucei- infected animals.
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	The manuscript id good written, bet the author must keep attention to the punctuation since spaces between the words are not respected and other grammatical mistakes are found and need correction	
Minor REVISION comments	-Methodology L19: control: which control: negative or positive control? -Results L27-32: This sentence is too long and need to be reduced in almost two sentences -Introduction L39: Which three drugs? Give the names of these drugs L40: most recent drug: give the name of this drug L46: Detecting or detectin? Orthragraph was the word seems not to be correct L96: brain or bran? Orthography of the word seems not to be correct L92: write [24, 25] -Materials and Methods 2.4. Feeding..... How have you prepared these different concentrations 100% to 25% for which material? This is not good reported and need modification -Results L201-202: What is the quantity of sorghum used in the combinations (Figure 1)? L208: The title of the table must be written at the top In table: write MCTC ($\times 10^9/L$) instead MCTC $\times 10^{9L}$) L218-220:.....does not exert any trypanocidal oe	All observations raised in lines L19- L92 were gratefully appreciated and rectified. On issue raised on the materials and Methods (precisely 2.4), an initial trial was performed to determine the actual quantity of the conventional feed consumed by each of the groups and thereafter the average was calculated and we arrived at $(168 \pm 8.6)g$. This is considered as total amount of conventional feed consumed by each group and hence used as a basis for our % inclusion. So, for e.g 5% inclusion will be thus: $168g \times 0.05 = 8.4g$. So, 8.4g was taken away from the 168g conventional feed and substituted with same quantity of the sorghum-garlic supplement. L201-202 It was stated initially that, the combination of the sorghum and the garlic was on the ratio 10:1. Therefore, at 5% inclusion the quantity of sorghum is thus: $8.4 - 0.84$ (i.e garlic at 1/10 level of 8.4) = 7.56g and so forth to 25%(42g) level of inclusion where the sorghum quantity was 37.8 as calculated using the

	trypanostatic effects: this is in contradiction with the result (L20-29), It is the same for the line L232-234. In wonder if the mixture garlic –sorghum is effective against Trypanosome growth or not? This needs good clarification to avoid publication with contradictions. -References The section must be written according to the instructions of the journal since in its actual form, there is a disorder. Please clarify the ethical issue, if any	formular above. L208 The title of the table has been appropriately placed as rightly observed. L218-220 we remain grateful for the observation, clarification has been added therein L232 -234 The issue raised is acknowledged and rectified.
<u>Optional/General</u> comments	See the revision comments	