



SDI Review Form 1.6

Journal Name:	<u>Journal of Advances in Medical and Pharmaceutical Sciences</u>
Manuscript Number:	Ms_JAMPS_34311
Title of the Manuscript:	SOME BIOCHEMICAL PROPERTIES OF Sarcocephaluslatifolius LEAF EXTRACT IN ALLOXAN INDUCED DIABETIC RATS
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 <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>
Compulsory REVISION comments	# The botanical identity of the plant under study is not well written. Kindly refer the nomenclature of this plant (giving specific emphasis on the genus and species names). Is Prof. G. I. Adoga an acknowledged taxonomist? # The manuscript was not thoroughly revised before submission. It contains numerous typographical errors! # Of great interest are the following: A) The study design is not reproducible nor replicable! #What was concentration of the extract used? #What was the rationale of comparing the hypoglycaemic effect of the extract with normal control without inclusion of the group treated with conventional drug? #Which route of administration was employed? (This dictates choice of conventional drug used!) #At what dose was the alloxan monohydrate used in the induction of Type I diabetes mellitus? #It is erroneous to infer that the extract had an antidiabetic effect when compared with the normal control while excluding the positive control group treated with a conventional drug! B) "After 21 days of treatment with leaf extract, the rats were starved for a night before they were sacrificed by decapitation." #THIS EXPERIMENTAL PROTOCOL IS WRONG!!Where did you adapt it from? Which article is	- All corrections made by the reviewer have been effected. - One of the objectives of the work was to find out the hypoglycaemic effect of the leaf extract when compared with the negative control and the positive control and hence there was no need for comparing with a conventional drug.



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	this?!!! #It is unethical to decapitate laboratory animals! C) Qualitative analysis of phytochemicals is a calorimetric test. # Indicating that, (++) present in moderately high concentration and (+++) present in very high concentration, is wrong because you cannot qualitatively determine that. #Just indicate a single sign (+) to show presence and single sign (-) to show absence ETHICAL ISSUE: Yes, decapitation of animals	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		