



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2015_IJBcRR_17158
Title of the Manuscript:	Hypolipidemic Properties of Ethanol Extract of Cyperus rotundus Rhizome.
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>)



SDI Review Form 1.6

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	1. The author must explain the random use of 250 & 500mg/kg for their research. Acute toxicity study LD50 or better still. Lorke's method is to allow the continuation of the research based on the values obtained. Therefore, if no results were obtained the authors should change the concentration otherwise this work is not authentic. 2. The result as presented is not very significant because the method followed will not warrant a very good result. 3. Extract of plant doesn't indicate activity rather the phytochemicals present in the extract pose the activity. Therefore, there must be at least a phytochemical screening so that a proper conclusion can be proffered. 4. Opening paragraph should contain a little definition of hypolipidemic/property. 5. No tables of results. I wonder how the authors arrive at the charts. On the tables there should be indication which values are significant. Please clarify the ethical issues if any	1. Preliminary studies on the dose dependent antihyperlipidemic properties of <i>Cyperus rotundus</i> rhizome extract showed maximum effect at 500mg/kg. Based on this we decided to use doses of 250mg/kg and 500mg/kg for the study. (see pg 3 of manuscript). 2. The comments in no 1 above takes care of no 2 3. The phytochemical content of <i>Cyperus rotundus</i> rhizome is already known and the references are cited in the text (ref 15,16,17) (see pg 2 of manuscript). 4. Definition of hypolipidemic (lipid lowering) activity has been incorporated in the introduction. (see pg 2 of manuscript). 5. Results are presented as either tables or graphs or bar charts. Bars with different alphabets are statistically significant $p = .05$ as shown in the results. Ethical issues highlighted on page 3 of manuscript.
Minor REVISION comments	$p \leq$ or $p \geq 0$ as 0.05	Science Domain instructions to authors is $p = .05$
Optional/General comments		