



SDI Review Form 1.6

Journal Name:	<u>Journal of Advances in Medical and Pharmaceutical Sciences</u>
Manuscript Number:	2015_JAMPS_18117
Title of the Manuscript:	Experimental evaluation of analgesic and antioxidant effects of hydromethanolic extract of <i>Dioscorea dumetorum</i> tuber.
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>)



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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)
<u>Compulsory</u> REVISION comments	Discussion is very superficial. Ethical Issue: This study deals with rats and mice, but ethical approval was stated.	Rats and mice are laboratory animals. Every experiment protocol involving any type of animal must be approved by the University Animal Ethics Committee before the commencement of such experiment.
<u>Minor</u> REVISION comments	Lines 2, 18, 21, 22: name of plant should be in italics. Lines 9-12: methods description are vague. Lines 36-39: rephrase sentence as it is confusing and repetitive. Lines 57-59: was a voucher specimen of the plant deposited elsewhere? Were national laws in regards to plant material collection followed? Which strain of the plant was used (edible or non-edible)? I suggest a statement should be added at the end of this paragraph. Line 67: what does DDE stands for? Line 73: correct amount of rats used (5 for oral toxicity study + 30 for the tail flick response study = 35). Lines 139-141: provide p value for the comparison between positive control group and group E. Lines 151-152: rephrase statement and correct concentration range. Lines 155, 158: include description of acronym DDE and PRT in table legends. Line 169: rename both axis. Instead of concentration in X axis, I suggest DDE ($\mu\text{g/mL}$); for Y axis, I suggest DDPH	Done Corrected Done Non edible strain was used. It stands <i>D. dumetorum</i> extract (DDE) Done Corrected Done Done Done Done Done



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	antioxidant activity (%). Include explanation of acronyms DDE and DPPH in chart legend. Line 177: correct mode of reference citation.	
<u>Optional/General</u> comments	This manuscript deal with the evaluation of antioxidant and antinociceptive effects of the methanolic extract of <i>Dioscorea dumetorum</i> , an edible plant in Africa, and validates its traditional use. It is an interesting report, but manuscript needs extensive language edition. Pay special attention to nominal concordances.	Done