

Review Form 1.6

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_91465
Title of the Manuscript:	Evaluation of Anti-diabetic Potential of Ethanol Leaf Extract of Jatropha Tanjorensis and Impact on Liver Antioxidant Enzymes
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:

(<https://www.journaljammr.com/index.php/JAMMR/editorial-policy>)

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	<p>The authors portrayed this work as a first-time report of the anti-diabetic and antioxidant activities of Jatropha tanjorensis. This plant is popularly known as 'hospital too far' in the Southern part of Nigeria; where this research was carried out.</p> <p>There are numerous works on the antidiabetic activities of this plant. Again the antioxidant activities have been documented. While the authors cited the works of E.S. Omoregie et al., with respect to other activities, published in 2007 and 2011 respectively, they deliberately left out the antioxidant report by these researchers. See below: E.S. Omoregie, A.U. Osagie (2010): Effect of Jatropha Tanjorensis Leaves Supplement on the Activities of Some Antioxidant Enzymes, Vitamins and Lipid Peroxidation in Rats. Journal of Food Biochemistry.</p> <p>The discussion of this work is very porous with no reference to the works done by previous researchers on the antidiabetic activities and antioxidant activities of the plant. There is a review on this plant in 2013, which mentioned the compounds isolated from Jatropha tanjorensis and the documented activities of the plant. Also, toxicity investigations have been carried out. I have attached some of the relevant works on this research which should be used in the discussion of this work.</p> <p>The abstract is very vague and poorly written. Instead of describing the method of extraction in an abstract, write about the relevance of the research /the plant and how the findings of this research relates with the data on this plant. What are the recommendations to the scientific community based on the study.</p>	
Minor REVISION comments	<p>In the materials and methods section, the authors indicated that the leaves were extracted; then seed extract was also documented. In fact 200mg/kg of leaves extract and 400mg/kg of seed extracts were investigated. There seems to be a mix-up.</p> <p>The references are of various styles and fonts. This needs to be made uniform.</p> <p>Again reference number 14, has no year of publication!</p>	
Optional/General comments	This article has serious grammatical errors some of which have been highlighted in the manuscript.	

PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Johnson-Ajinwo, Okiemute Rosa
Department, University & Country	University of Port Harcourt, Nigeria