

Review Form 3

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_130869
Title of the Manuscript:	Nutraceutical potential of <i>Balanites aegyptiaca</i> L. Delile fruits (Zygophyllaceae): safety and androgenic property
Type of the Article	Original research article

PART 1: Comments

	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	It is an investigation of great importance to science, especially in phytomedicine and novel drug discovery. It will have a lot to contribute to the scientific society considering that the fruit is consumed globally and serves as natural sweetener in phyto-beverages.	This study showed that <i>Balanites aegyptiaca</i> fruits is devoid of acute oral toxicity, further work will be required to evaluate chronic toxicity. Findings on androgenic activity of <i>B. aegyptiaca</i> extract provide novel insights into the plant's mechanism of action and therapeutic potential for managing male sexual dysfunction. Phytochemicals like saponins, tannins, sterols and polyphenols in <i>B. aegyptiaca</i> extract can guide pharmaceutical and nutraceutical development efforts. This study suggested a methodology to evaluated androgenic property of plant extract, which can be used as model for future investigations.
Is the title of the article suitable? (If not please suggest an alternative title)	I am ok with the title; it expresses what it wants or attempts to portray.	Okay
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is concise, captures all segments, and is okay.	Okay
Is the manuscript scientifically, correct? Please write here.	Yes, it is?	Okay
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are ok, just a little to be added in the paragraphs indicated in the review. I also recommend that more recent references be added to replace the old ones, to boost the acceptability of the study.	Yes I did it
Is the language/English quality of the article suitable for scholarly communications?	A lot of grameertical errors, I have been correcting but will really recommend that the author runs an English grammer check please.	Yes I check it
Optional/General comments	I have made comments on the review and would like the author to address these comments to elaborate and update on the topic and to bring the study to an in-depth study of great importance.	Yes I try my best

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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?	<div>(If yes, Kindly please write down the ethical issues here in details)</div>	<div>Conflict of interest: The authors declare that they have no conflict of interest</div> <div>Ethical approval: This study did not involve human participants. It was approved by the ethical committee of the Faculty of Medicine and Pharmaceutical Sciences of the University of Douala. The work was conducted in accordance with the Organization for Economic Co-operation and Development (OECD) requirements on animal experimentation.</div> <div>Disclaimer (Artificial intelligence)</div> <div>Author(s) hereby declare that NO generative AI technologies such as Large Language Models (ChatGPT, COPILOT, etc.) and text-to-image generators have been used during the writing or editing of this manuscript.</div>