

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_130679
Title of the Manuscript:	Regulatory activity of the aqueous extract of Picralima nitida seeds (Apocynaceae) on the glycemia of normoglycemic and hyperglycemic Wistar rats
Type of the Article	Original Research Article

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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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	<p>The aim of this work was to evaluate the effect of the aqueous extract of <i>Picralima seeds nitida</i> on the glycemia of rats.</p> <p>The results of the effect of the extract on glycemia showed that the extract did not cause hypoglycemia or hyperglycemia in normoglycemic rats.</p> <p>As for the effect of the extract on the glycemia of hyperglycemic rats, the extract caused a significant reduction in the hyperglycemia induced in rats with glucose.</p> <p>The use of this plant in the treatment of hyperglycemia would therefore be justified.</p>	<p>The results of the effect of the extract on blood sugar showed that the extract did not cause hypoglycemia or hyperglycemia in normoglycemic rats. As for the effect of the extract on blood sugar in hyperglycemic rats, the extract caused a significant reduction in hyperglycemia induced in rats with glucose.</p> <p>The antihyperglycemic and antihypoglycemic properties that the seeds of <i>P. nitida</i> highlighted in this work, reveal that the seeds of this plant would be a powerful remedy in the treatment of diabetes thanks to its active ingredients.</p>
Is the title of the article suitable? (If not please suggest an alternative title)	Suitable	
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.	Add some values from the result section rather than only conclusive observations.	Please show these parts
Is the manuscript scientifically, correct? Please write here.	Correct	OK
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	OK
Is the language/English quality of the article suitable for scholarly communications?	Yes	OK
Optional/General comments		

PART 2:

	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>
Are there ethical issues in this manuscript?	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	<p>The work required the use of laboratory animals, however the manipulations were carried out in strict compliance with the rules governing ethics under the supervision of Professor OUATTARA-SORO F.S., head of the Reproduction and Development Laboratory of the UFR Bioscience of Felix Houphouet-Boigny University of Cote d'Ivoire.</p>