

### Review Form 3

Journal Name:	<a href="#">Journal of Advances in Medical and Pharmaceutical Sciences</a>
Manuscript Number:	Ms_JAMPS_130627
Title of the Manuscript:	Potential anti-hyperglycemic activity of the polyherbal combination of <i>Carica papaya</i> L., <i>Persea americana</i> Mill., and <i>Theobroma cacao</i> L. leaves extract: in vitro, ex vivo, in vivo studies
Type of the Article	

#### 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>
<b>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.</b>	1) This manuscript is one of the most important issues of our time which is diabetes; the international Diabetes federation reports a continued global increase in diabetes prevalence confirming diabetes as major health issue. Today more than half a billion people are living with diabetes worldwide. 2) New plants were used. 3) The polyherbal combination exhibited a notable antihyperglycemic activity and antioxidant activities through several mechanisms of action	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	Yes	
<b>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.</b>	No	
<b>Is the manuscript scientifically, correct? Please write here.</b>	Yes	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	Yes	

**Review Form 3**

<p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes</p>	
<p><b>Optional/General</b> comments</p>	<p><b>First:</b> The Abstract is incomplete, must be comprehensive in the entire research, starting with mentioning the number of extracts, their concentration, the type of extract, the method of separating it, the concentration of the solution, then all the doses used, the methods used in measurement, concentrations and results, then the recommendation. The abstract must be re-arranged.  <b>Second:</b> What is meant by the word normoglycemic in the abstract? Its role or importance is not mentioned, only in the results of the abstract. Likewise, nothing was mentioned about metformin in the abstract, neither its role nor its concentration nor its use as a standard reference.  <b>Third:</b> The word (<i>In-Vitro</i>) is related to extracts, but it is not fashionable to use it here. It was used only on plants and not on rats, as was mentioned in the research only, so this must be clarified in the abstract.  <b>Fourth:</b> In materials and methods, the researcher did not mention how many mice he worked on and how he conducted each experiment.  <b>Fifth:</b> in the method of normoglycemic, why the author use the conc. of 400 mg/kg only without the other concentrations of CPT. Also, why the author use and he did not mentioned the total number of mices ( 25 mice in OGTT) and (15 mice in normoglycemic)????  <b>Sixth:</b> The author should look under the green words are they written correctly???  <b>Seventh:</b> In the method (2.5) when separating the muscles, it was not mentioned whether mice or rats were used, nor was it mentioned that it was <i>in-vitro</i>. Also, the number of groups nor the number of rats used in this experiment was not mentioned.  <b>Eighth:</b> In the method (2.6) in the <i>ex-vivo</i> experiment, the number of rats wasn't mentioned, only said 12 groups?????  <b>**Were twelve rats used in three groups or what is the meant by Table 2, Groups 1 to 4? Does this mean that the groups from 1 to 4 are all control, with different concentrations of glucose?? How many rats are in each group?? If this is true, then the description of the experience must be rephrased.</b></p>	

**PART 2:**

	<p><b>Reviewer's comment</b></p>	<p><b>Author's comment</b> (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)</p>
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

**Reviewer Details:**

<p>Name:</p>	<p><b>Nermien Zakaria Ahmed Teleb</b></p>
<p>Department, University &amp; Country</p>	<p><b>Egypt</b></p>