



SDI Review Form 1.6

PART 1:

Journal Name:	<u>British Journal of Pharmaceutical Research</u>
Manuscript Number:	2013_BJPR_4865
Title of the Manuscript:	Study of the hypoglycemic effect of Tamarindus indica Linn. seeds on normal and diabetic model rats
Type of the Article	Research paper

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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>ABSTRACT: Page 2, line 54: normal, type-I and type-II not Normal, Type-I and Type-II. There are so many of these words in the entire manuscript. This should be corrected in other sections of the manuscript.</p> <p>INTRODUCTION: Page 3, line 84-85: "It is the most prevalent chronic disease in the world affecting nearly 25% of the population". That information is misleading and not accurate. The reference is also not related. Diabetes does not affect 25% of the population. This percentage is too high. The authors should double-check the current literature including important websites such as those of WHO and International Diabetes Federation.</p> <p>Page 3, line 94-95, the sentence needs to be corrected – "for this for". Also "antidiabetic" is more appropriate than "antidiabetogenic".</p> <p>Page 4, line 98 "handsome", what is that? The authors should substitute the word. It is not appropriate here. Lines 108 and 111: "in" not "on". Also wrong use of capital letters.</p> <p>MATERIALS AND METHODS: Did the authors obtain animal ethics approval before</p>	



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	<p>embarking on this study? No reference to that in the manuscript. Line 120: “kept” not “keep” Line 138, “Citrate Buffer” should be written in small letters. Lines 142-145: The authors should not capitalize words in the middle of sentences. For instance, Normal, Type, Control, Positive, Treated, etc. All these words should begin with small letter.</p> <p>Why did the authors choose to investigate the effects of T.indica seed powder on intestinal absorption of glucose in nondiabetic and type 2 diabetic rats only but excluded type 1 diabetic rats? Why were the rats fasted for 36 hours?</p> <p>For the Kreb’s solution, the authors should use the Microsoft word function to properly write the formula of those chemicals, e.g. $\text{NaH}_2\text{PO}_4 \cdot 6\text{H}_2\text{O}$ not $\text{NaH}_2\text{PO}_4 \cdot 6\text{H}_2\text{O}$</p> <p>RESULTS: The authors should describe the meaning of *and ** in the legend. That is, * versus what? Likewise, ** versus what? Mean \pm Standard deviation, all should be in small letters</p> <p>DISCUSSION: Line 295, “to” should be deleted. The authors did not discuss the lack of antihyperglycemic effect of T. indica in type 1 diabetic rats. The authors should endeavour to provide scientific explanations for this discrepancy in the antihyperglycemic effect of T. indica in type 1 and type 2 diabetic rats.</p>	
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<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	<p>The manuscript has some spelling and typographical errors. It is full of wrong use of capital letters and preposition. I do not have sufficient time to highlight all the errors. Therefore, the authors are encouraged to proof read the manuscript for both typographical and grammatical errors.</p> <p>mention of animal ethics approval</p>	

Note: Anonymous Reviewer