



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2014_IJBcRR_12893
Title of the Manuscript:	Determination of the effects of aqueous and ethanol extracts of <i>Vitex doniana</i> leaf on postprandial blood sugar concentration in Wister rats
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:

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



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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)
<u>Compulsory</u> REVISION comments	1line 52, introduction part Please write your specific objective of this study. 2.Methods • Line 67 ethanol extraction should be ethanol-hexane extraction because both solvents were used at 2:1 ratio • Topic 2.4 and 2.5 can be combined into one topic because the authors did the same things except using sucrose or glucose. The authors may use diagram to explain this. • Check line 80, "administration of sucrose at a dose of 2g/kg" but line84,85,87,89 "administered 2 g/kg". • Check the same as above for line 96, 99-102. • Did the authors determine alpha-glucosidase inhibitor of the extracts of this plant? Is there any literature reported that this plant has alpha-glucosidase inhibitor? • Write methods of blood glucose and sucrose assay (by using a test-kit, or using an automate machine, or using chemical reactions).	



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	• Please write the animal ethics in this article. 3.Discussion • Please discuss about the phytochemical compounds that can act as alpha-glucosidase inhibitor. • Discuss why both aqueous and ethanol extracts were used in this study. • Discuss why both glucose and sucrose were used in this study. 4.Conclusion Give conclusion for this experiment. The appropriate dose of the extracts for lowering glucose or sucrose. Further investigation plan should be added.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	1. Line 29 α-Glucosidase inhibitors is italic font. Please change to normal font. 2. "fig." should be "Fig."	

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