



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>)



SDI Review Form 1.6

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)
Compulsory REVISION comments	Hypoglycaemic effects of aqueous and ethanol extracts of <i>Vitex doniana</i> leaf are reported in many references using Alloxan and streptozotocin-induced diabetes. In this work, sucrose is used to evaluate postprandial blood sugar and analyze the activity of the inhibition of α-glucosidase. it is a good idea but author may assay the inhibitory activity of α-glucosidase in vitro, and in discussion, references about hypoglycaemic effect of this plant should be added. 1. In line 41-50, references are old and references published in 2013-2014 should be added such as (1) Hypoglycemic effects of Aqueous and Methanolic Leaf Extracts of <i>Vitex doniana</i> on Alloxan Induced Diabetic Albino Rats, Journal of Medical Sciences, 2013, 13 (8):700-707; (2) Pancreatic islet regeneration and some liver biochemical parameters of leaf extracts of <i>Vitex doniana</i> in normal and streptozotocin-induced diabetic albino rats, Asian Pac J Trop Biomed. 2014 4 (2): 124-130; (3) Anti-diabetic Activity of Aqueous Extracts of <i>Vitex doniana</i> Leaves and <i>Cinchona calisaya</i> Bark in Alloxan-Induced Diabetic Rats, International Journal of TROPICAL DISEASE & Health, 2012, 2 (4): 290-300; (4) Comparative antioxidant and hypoglycaemic effects of aqueous, ethanol and n-hexane extracts of leaf of <i>Vitex doniana</i> on streptozotocin-induced diabetes in	



SDI Review Form 1.6

	albino rats, African Journal of Biotechnology 出版日期: 2013 , 12 (40) : 5933-5940 1. Plant sample collected time should be given. 2. Acute toxicity of extracts of Vitex doniana leaf should be given. 3. Significant mark should be given in Fig 1. 4. In Fig 2, significant mark should be given instead of the sugar value. 5. Fig 3 and 4 also should be corrected as 5.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Reviewer Details:

Name:	Wenyi kang
Department, University & Country	Institute of Natural Product, Henan Universty, China