



**SDI Review Form 1.6**

Journal Name:	<a href="#">British Journal of Pharmaceutical Research</a>
Manuscript Number:	2013_BJPR_7667
Title of the Manuscript:	Hepatotoxicity of Ethanol Extract of Adenium obesum Stem Bark in Wistar rats
Type of the Article	Original Research 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**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Compulsory</b> REVISION comments	<p>This study demonstrated that hepatotoxicity of ethanol extract of <i>Adenumu obesum</i> Stem Bark in Wistar rats. However, there are several concerns relating Methods, Results and Discussion that should be carefully address by the authors.</p> <p><u>Methods</u></p> <p>2.2 Wistar Rat Toxicity Bioassay Authors should describe the experimental protocol in detail.</p> <p>2.3 Biochemical Analyses Authors collected bloods at the end of the 14-day post oral dosing with the extract. Why did authors collect bloods and measure AST, ALT and ALP activity in days-dependently? Hepatic inflammation is induced early.</p> <p><u>Results</u></p> <p>3.1 Toxicity Bioassay Fig.1. Why the initial body weight of rats in each group? Baseline is different.</p> <p>3.2 Biochemical Analyses Fig.2. The levels of AST activity in rats administrated 2000 mg/kg seemed to significantly lower than another groups. Authors should perform statistical analyses and discuss this phenomenon. Authors should add the data on properties of blood, i.e. LDH activity which is marker enzymes of liver injury.</p> <p>3.3 Histopathological Analyses Authors should add photomicrographs of the liver of rats dosed orally with 300 and 2000 mg/kg of the extract. Furthermore, authors should add the photomicrographs of lower magnification.</p>	



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	Fig. 4. Authors indicated the vein as central vein. Was it true? Endothelial cells were existed. Authors should do further investigation over repeated and prolonger exposure.	
<b>Minor</b> REVISION comments	Fig.1. Is “Weight Gain (g)” correct? Is it “Body Weight( g)” ?	
<b>Optional/General</b> comments		

**Note: Anonymous Reviewer**