

Review Form 1.7

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_108526
Title of the Manuscript:	DIETARY THEOBROMA COCAO PREVENTS HEPATOTOXICITY SECONDARY TO MYOCARDIAL INJURY
Type of the Article	Original Article

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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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>yes</p> <p>it is appropriate</p> <p>it is comprehensive</p> <p>It is</p> <p>Not recent</p> <p>Line 1: spelling error- COCAO Line 12 & line 18: each time an abbreviation is used for the first time, write in full, i.e. TC, ISO Line 16: spelling error- Lines 33-34: It is diagnosed in every 1 out of 10 patients admitted in the Emergency Unit with a heart attack2. RECAST Line 69: at -4oC THE TEMPERATURE USED/WRITTEN IS NOT CLEAR Line 78: to the end of the experiment. OF WHAT IMPORTANCE IS THIS PHRASE? DO YOU MEAN THAT YOU ADMINISTERED ISO TWICE EVERY 24 HOURS to the end of the experiment. KINDLY CLARIFY THIS Lines 83-153: most of the information presented are not necessary. Summary should have been provided i.e. references of methods used, if the methods were modified, the modification should have been highlighted. Reagents/chemicals/kits used and their suppliers as well as equipment and the details of manufacturers are basic information required. Lines 154-155: of what usefulness is this information? Lines 165-206: Here the result should have been summarized, and reference made to Table and Figures. There seems to be unnecessary repetition of result in prose and table/figure forms lines 184, 194, 195: attempt was made to discuss the results, that is not necessary under Results; e.g. indicating an injury to the hepatocytes following isoproterenol administration . The decimal points in Table 1 are not consistent; some are two, many others are more than 2. Figures 1-3: modify the title of the figures. You measured enzyme activities not serum concentrations. This mistake is in the Abstract i.e. lines 22 &23.</p> <p>Under methodology there is insufficient information about how the blood was collect, how serum was obtained; centrifuge type and centrifugation speed. If the samples were stored- at what temperature? Where was the blood was obtained-cardiac or retro-orbital? Interestingly, Ketamine anaesthesia was included in Abstract but not methodology. All abbreviations in Figures 1-3 must be clearly defined. Many scholars in other disciplines may assess this manuscript when it is eventually published. Therefore each table or figure</p>	

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	<p>must be self-explanatory. SEM, AST, ALT, ALP, MI should be clearly defined in the legends.</p> <p>The important components of discussion such as interpretation, analysis, and explanation of results have not been appropriately incorporated into Discussion, although the results were adequately summarized. Limitations or weaknesses in the research and the conclusion is not adequate. Additionally, how the study fits with current literature and its significance were not revealed in the Discussion. It is advisable therefore that the discussion should be re-written.</p> <p>References: Most of the references are not recent; replace with current ones. Examples are shown below</p> <p>Haasenritter J; Stanze D; Widera G; Wilimzig C; Abu Hani M; Sonnichsen AC, Bosner S, Rochon J, Donner-Banzhoff N. Does the patient with chest pain have a coronary heart disease? Diagnostic value of single symptoms and signs--a meta-analysis. Croat Med J, 2012; 53(5):432-441.</p> <p>Ekaidem IS, Akpan HD, Uboh IF, Etim OE, Ebong PE. Effect of ethanolic extract of Azadirachta indica leaves on lipid profile peroxidation and serum lipids of diabetic Wistar rats. Acta Bio Szeged, 2007; 51(1):17-20.</p> <p>Biegus J, Zymlinski R, Sokolski M. (2012). Liver function tests in patients with acute heart failure. Pol Arch. Med, 2012; 122(10):471-479.</p> <p>Ambrosy AP, Vaduganathan M, Huffman MD. Clinical course and predictive value of liver function tests in patients hospitalized for worsening heart failure with reduced ejection fraction: an analysis of the EVEREST trial. Euro J Heart Fail, 2012; 14(3):302-311</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>yes</p>	
<p>Optional/General comments</p>		

PART 2:

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

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