



SDI Review Form 1.6

PART 1:

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2012_IRJPAC_2956
Title of the Manuscript:	Chemistry of Phorbol Ester Toxicity in <i>Jatropha curcas</i> Seed – A Review

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 9 parts. Kindly note that you should use all the parts of this review form.



SDI Review Form 1.6

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)
<u>Compulsory</u> REVISION comments	1.The review paper should be focus on the chemistry and toxicity of phorbol ester in the seed. The title of “Chemistry and toxicity of Phorbol Ester in <i>Jatropha curcas</i> Seed – A Review” would be better. 2.It is necessary to use Table(s) to summarize previous research in review paper, for example (not limited to), phorbol ester toxicity to different animals were discussed in the text, and this could be organized in a table form. 3.Throughout the whole text, some places use <i>Jatropha curcas</i> or <i>J. curcas</i>, other place uses <i>Jatropha curcas L</i>, the terms need to be consistent.	Review is on relationship between chemical structure and toxicity of phorbol esters, toxicity mechanisms and detoxification methods & mechanisms. Hence, title as suggested by author is appropriate. Noted and corrected. Noted and corrected.
<u>Minor</u> REVISION comments	Line 16: “status quo” is not appropriate, try to use another term. Line 36: “have been suggested”, change “suggested” to “studied”. Line 40: change “chemistry of phorbol ester toxicity” to “chemistry mechanism of phorbol ester toxicity” Line 45 and 46: Genus and Species name shall be <i>Italicized</i>. Line 47: Physic nut is not the only common name Between line 49 and line 129, the content are not really related to the review title “Chemistry of	Noted and corrected. Noted and corrected. Point clarified by re-structuring sentences. Noted and corrected. Noted and name removed. Noted and corrected.



SDI Review Form 1.6

	Phorbol Ester Toxicity”, these paragraphs definitely need to be shortened. Line 127: change “will be around 33” to “will be approximately 33” Line 153: Adolf and co-workers, should be “Adolf et al.” Line 194: “seed oil are higher than”, how higher? Much higher? Can you give a percentage here? Line 208: “Toxicity to sheep, goats, calves, chicks and fish by consumption of Jatropha seed or seed meal has been reported.” Citation(s) shall be added here. In addition, “the highest known” is not appropriate here, try to use another term. Line 245: Delete “Interestingly” Line 277: Always specify the capitalized term when it is first mentioned, here, “NMR” needs to be specified as Nuclear magnetic resonance (NMR). Line 306: “at 260 C and low pressure” is redundant; because this was mentioned in the previous sentence, please re-organize the sentence here. Line 312: “did not produce satisfactory results.”, please specify the results, how bad the results? Line 315-316: change “realized that” to “tested that”. In addition, the work of Chivandi et al (2004) shall be specified here, just using “useful” is not enough. Line 348: In yet another study,... Remove “yet” Line 357: Remove “Again”	Noted and corrected. Noted and corrected. Noted and corrected. Noted and corrected. Noted and corrected. Noted and corrected. Noted and corrected. Noted and corrected. Noted and corrected. Noted and corrected. Noted and corrected. Noted and corrected.
--	---	---



SDI Review Form 1.6

	Line 385: “can be quite fast and efficient”, here “efficient” means “economically efficient”? Line 396: change “chemical methods is necessary” to “chemical extraction methods is necessary”	Noted and corrected. Noted and corrected.
<u>Optional/General</u> comments		