



SDI Review Form 1.6

General guideline for Peer Review process is available in this link:

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- This form has total 7 parts. Kindly note that you should use all the parts of this review form.

PART 1:

Journal Name:	British Journal of Pharmaceutical Research	Comment
Manuscript Number:	2013_BJPR_4003	
Title of the Manuscript:	Comparative hepatoprotective potential of <i>Tinospora cordifolia</i> , <i>Tinospora sinensis</i> and <i>Neem-guduchi</i>	
Type of the Article	Research paper	Original Article
Title	Comparative	In this Original Research Article , the authors have made a good attempt to explore



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	hepatoprotective potential of <i>Tinospora cordifolia</i> , <i>Tinospora sinensis</i> and <i>Neem-guduchi</i>	the hepatoprotective potential of three species of <i>Tinospora</i> which were well known for liver disorders in natural text. Author described the comparative study of these three and showed that satva of <i>Tinospora cordifolia</i> , <i>Tinospora sinensis</i> showed the significant activity as compared to <i>Neem-guduchi</i> at 200mg/kg i.p Note: Similar evaluation done by Chavan et al., 2013 in different ways in which Co authors Omkar Kulkarni is common and he will be very much aware with both the studies. So kindly let us know that what is the difference between the earlier published paper or novality of work
Abstract		Need of modification
Introduction		Need to revise, Line 45, 46 should be rewrite or add the reference of Chavan et al., 2013 and author should have to explain the chemistry of the species which will help to researcher's interest. Modification needs to reduce similarity
Preparation of <i>Guduchi Satwa</i>		Line110-111 need to be check for spelling mistakes and language
Experimental animals		Provide the size of animal cages and how many animals were in one cage. Mention which OECD guidelines were followed by the Authors to perform these experiments.
Paracetamol-induced hepatic damage		How do you check the hepatic toxicity in the experimental animals? In the abstract Authors mentioned the ip injection for drug administration but in



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		experimental animal it is oral administration (Text). What is the correlation between this? Kindly clarify. Author has to use at least three dose level but only used 2 dose levels 200 and 400mg/kg: explain.
Results		Why the author did not perform acute toxicity studies
Intoxication		<ul style="list-style-type: none"> • Line 345: table: Normal control compared with paracetamol control and the significance of toxicity induction was not shown in the paracetamol group. Author should have to compare such a way that the paracetamol group shows their toxications. • How does it possible to compare two grps with ANOVA followed by dunnets test: In this case student T test must be used. And after the significant induction of hepatotoxicity with Paracetamol author have to compare all groups with paracetamol grp. Please clarify this. • What does the mean in III-VI grp (92) (83)(73) like that in different parameters. If it is percentage then why in some cases percentage is more than 100 and neem gudchi does not have any. • Results clearly showed that all groups of test drugs decrease the all parameters as compared to paracetamol control but some of them are not significant to reduce these levels and there were no evidence of elevation of this parameters with the test drugs at 400mg/kg in all groups. Kindly clarify the results and discussion according to your results
References		Need to be revise according to guidelines



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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)
Compulsory REVISION comments	Authors have made a good attempt to explore the hepatoprotective potential of three species of <i>Tinospora</i> which were well known for liver disorders in natural text. Author described the comparative study of these three and showed that satva of <i>Tinospora cordifolia</i> , <i>Tinospora sinensis</i> showed the significant activity. The work has some interest and better than the previously published Chavan et al., 2013. A number of researches are going on the <i>Tinospora</i> and this paper will help in variety of ways. The manuscript can be accepted after the correction, addition and clarification of comment.	
Minor REVISION comments		
Optional/General comments	The manuscript can be accepted after the correction, addition and clarification of comment.	

Note: Anonymous Reviewer