

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_79729
Title of the Manuscript:	PHYTOCONSTITUENTS ISOLATION AND HEPATOPROTECTIVE ACTIVITY POTENTIAL OF AVERRHOA BILIMBI LEAF EXTRACT
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:

<https://www.journaljpri.com/index.php/JPRI/editorial-policy>

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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>	<p>The manuscript on "Phytoconstituents isolation and hepatoprotective activity potential of <i>Averrhoa Bilimbi</i> Leaf Extract" is interesting. I am few comments and suggestions thou'. Therefore I am recommending MAJOR REVISION</p> <ol style="list-style-type: none"> 1. I can understand that the manuscript was prepared in a hurry but there are several key errors that are observable. For eg. In phytochemical 2.1.1. Preliminary Phytochemical Screening, you have stated that "Standard phytochemical screening test was carried..... to relate the analgesic stem bark extract of <i>Sapindus trifoliatus</i> linn for the presence or absence of these active constituents" However, the manuscript is about hepatoprotective effect of <i>Averrhoa bilimbi</i> isn't? 2. Similarly, kindly rewrite section (2.2) Fractionation of ethanolic extract and (2.2.1) Petroleum ether extract more clearly. There are few errors. 3. Details regarding IR, ¹H NMR, ¹³C NMR (CDCl₃), EI-MS were not provided. The general methods should be written similar to the following eg. The authors can prefer any other format; however the details should be included in the manuscript. Eg: ¹H and ¹³C NMR spectra were recorded in CDCl₃ solution on Bruker AV-400 and Bruker AVANCE III 500 MHz spectrometers. Chemical shifts are expressed in ppm values using TMS as an internal standard. Infrared spectra were recorded on a Shimadzu IR 470 instrument. Mass spectra were recorded on a Q TOF micro mass spectrometer. TLC was carried out on Kieselger 60 F254 aluminium sheets (Merck1.05554). All chemicals used were of analytical grade and distilled prior to use. Optical rotations were determined on AutopalR digital polarimeter. 4. In line 4.1.1.n-Docosanoic acid: line 181 the authors have mentioned that "According to GC-MS spectral data molecular ion peak was seen at m/z 340 [M+] corresponding to the mol. formula C₂₂H₄₄O₂" Whether GC-MS was performed? If so the methods were not provided in Methods Section. For writing methods related to GC-MS, kindly refer Prakash Shyam <i>et al</i> Section 2.5 – GC-MS analysis. 5. 2.5.2.Histopathological studies: "The rats were sacrificed under deep anaesthesia" What anesthesia was used? 6. The histopathology studies shall be better presented. Kindly mark the Central Vein (CV), congestion in central vein (CCV), congestion in sinusoidal spaces (CS), ballooning degeneration (BD) and others. To have better idea on how to present hispathological images, kindly refer Revathi <i>et al</i>, Reproductive toxicity of <i>Capparis aphylla</i> (Roth.) in male albino rats, Int J Pharm Biomed Res 2010, 1(3), 102-112 	
<p>Minor REVISION comments</p>	<ol style="list-style-type: none"> 1. The title / following subheadings are not necessary: Kindly merge the contents to the respective paragraphs <ol style="list-style-type: none"> a. 3.1.1 Spectral characteristics of compound I b. 3.2.1.Spectral Characterization of compound II c. 3.3.1.Spectral Characterization of compound III d. 3.4.1.1.Histopathologic 	

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Optional/General comments	1. REFERENCES: Kindly follow uniform style in reference section. For example in the journal title in Ref (3) is printed as 'J Ethnopharmacology', the same in Ref (15) is printed as 'Journal of Ethnopharmacology'	

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

Reviewer Details:

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