

## Review Form 1.7

Journal Name:	<a href="#">International Research Journal of Gastroenterology and Hepatology</a>
Manuscript Number:	Ms_IRJGH_97898
Title of the Manuscript:	PHYTOCHEMICAL SCREENING AND EVALUATION OF THE ANTI ULCER ACTIVITY OF DACRYODES EDULIS (BURSERACEAE) LEAF EXTRACTS IN WISTAR RATS.
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://journalirjgh.com/index.php/IRJGH/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><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>Yes, important for scientific community.</p> <p>Yes, title of the article is suitable.</p> <p>Yes comprehensive.</p> <p>Appropriate</p> <p>Yes sufficient</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>The article is written in two languages which need to be changed into English.</p>	
<p><b>Optional/General</b> comments</p>	<ol style="list-style-type: none"> <li>Under the abstract section author wrote "Many drugs are used for the treatment of this disease, but they are costly and exhibit limited efficacy, and could cause adverse effects". <b>Many drugs or synthetic drugs?</b></li> <li>Under the abstract section author wrote "This study also confirm the use of <i>D. edulis</i> as a category 1 improved traditional medicine, while in development for a category 2 phytomedicine". This sentence needs to be corrected and name of the plant should be in italics as per the binomial nomenclature.</li> <li>Under introduction author wrote "<i>Helicobacter pilori</i>" it should be in italics.</li> <li>Under the section introduction author wrote "<i>Dacryodes edulis</i>" but once full name is written then it should be written as <i>D. edulis</i>.</li> <li>Under the section <b>Extracts obtained by aqueous maceration (AM) and hydro-ethanolic maceration (HEM):</b> Author wrote "After a stay of 48h" where a stay needs to be changed.</li> <li>Under the section <b>Decoction extract (DEC)</b> author wrote "at 100 °C" but it should be written as 100°C.</li> <li>Under the section <b>Phytochemicals screening of the extracts and identification of phytochemicals</b> betacyans or Betacyanins?</li> <li><b>Les glycosides cardiaques:</b> 2 ml d'acide acétique glacial, quelques gouttes de FeCl<sub>3</sub>, 5 % et 1 ml de H<sub>2</sub>SO<sub>4</sub> concentré ont été ajouté à 500 µl de l'extrait. La formation d'un anneau verdâtre ou brun a indiqué la présence de glycosides cardiaques. This is not written in English.</li> <li><b>Estimation of total flavonoids:</b> under other headings full stop is given but under other sections full stop is not there. Author wrote under the section <b>Estimation of total flavonols</b> "AlCl<sub>3</sub>(6H<sub>2</sub>O)" but it should be AlCl<sub>3</sub>. 6H<sub>2</sub>O as it is water of crystallization. Similarly, author wrote "The amount of flavonoles" spelling is not correct.</li> <li>Under the heading <b>Estimation of carbohydrates:</b> Author wrote "100 l of the extract" is</li> </ol>	

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	<p>not clear, whether it is ml or litre.</p> <ol style="list-style-type: none"> <li>11. Several headings and subheadings are written in italics, why?</li> <li>12. Under the heading <b><i>EtOH/HCl-Induced Ulcer</i></b>: After 48 hours of fasting and under ideal acclimatization conditions, 30 female Wistar rats were randomly divided into 6 groups of 5. It should be 6 groups of 5 animals each.</li> <li>13. Under the subheading <b><i>Pepsin</i></b>: why it is in italics and author wrote Folin was added. What is Folin?</li> <li>14. <b><i>Superoxide dismutase : SOD</i></b>- Space should not be there after dismutase.</li> <li>15. <b><i>Lipid peroxidation: MDA</i></b>- Why this is written in italics as well as et al should be in italics.</li> <li>16. <b><i>Glutathione: GSH</i></b>- Written in italics and The result was expressed in <math>\mu\text{mol} / \text{ml}</math>. There should not be any space between <math>\mu\text{mol} / \text{ml}</math>.</li> <li>17. <b>In Table 2</b>: There is a space after Table 2 and .</li> <li>18. Under this section <b><i>Quantitive analysis of extract</i></b>: Why it is written in italics? Under this section author wrote "<b><i>Les figures 1 à 6 présentent l'estimation quantitative des principaux métabolites dans les différents extraits</i></b>"- this is not written in English.</li> <li>19. In several places colon is given after space should be corrected.</li> <li>20. Discussion: In the second paragraph after including colon should not be there. In the second paragraph sentence 3 needs correction.</li> <li>21. Under discussion: <b><i>D. edulis</i></b> should be in italics.</li> <li>22. Under discussion paragraph No. 4 first sentence should be corrected.</li> </ol>	
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### 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:

Name:	Sudhansu Ranjan Swain
Department, University & Country	Dr. A. P. J. Abdul Kalam Technical University, India