

Review Form 1.7

Journal Name:	Asian Journal of Biochemistry, Genetics and Molecular Biology
Manuscript Number:	Ms_AJGMB_108244
Title of the Manuscript:	Hippocratea africana root extract and fractions ameliorates carbon tetrachloride-induced oxidative stress and kidney injuries in rats.
Type of the Article	Original Research 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> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The study is partially important to the scientific community. This statement is funded due to fact that a manuscript published since 2013 by Okokon et al., found the antioxidative and hepatoprotective effects of an ethanol extract of the root of the same plant (see the reference below). Although in this study they study fractions which were not previously studied and therefore is the novel contribution of the investigation, but the authors do not emphasize the relevance of this fractions.</p> <p>“Okokon, J. E., Nwafor, P. A., Charles, U., Dar, A., & Iqbal Choudhary, M. (2013). Antioxidative burst and hepatoprotective effects of ethanol root extract of Hippocratea africana against paracetamol-induced liver injury. <i>Pharmaceutical Biology</i>, 51(7), 872-880.</p> <p>The title does not correspond to the text. In the title the authors apparently state that the damage was induced with carbon tetrachloride in the kidney but in the abstract mention that the damage was induced with paracetamol and the protective effect of the plant was evaluated in the liver.</p> <p>The possible title would be “Hippocratea africana root extract and fractions ameliorates paracetamol-induced oxidative stress and liver injuries in rats.</p> <p>Although the abstract is comprehensive, there are details that author have to attend: i.e. in the methodology they did not included the group treated with silymarin. And in the conclusion section they have to modify the following paragraph “hepatoprotective antioxidative stress potentials” . Besides the English have to be substantially improved</p> <p>Although the structure is correct, there are some points that are not clear in the different sections: Introduction: The authors talk about the molecules that have been found in the plant, but they do not structure the objectives of their study in the context of these molecules. Methodology: The methodology is brief, so it would be difficult to reproduce the work. For this reviewer it was not possible to identify which do the author mean with PCM (does it correspond to Paracetamol??). No description of this abbreviature could be found in the manuscript. An ethical approval number is requested to be added to the manuscript. Results and discussion are superficial which makes them not clear.</p> <p>Yes, the cited references and appropriate and recent.</p> <p>This work requires more work to reach the quality that the journal requires</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Authors have to present a well English edition of the manuscript.</p>	

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Optional/General comments	Beside the comments state above, the This work requires more work to reach the quality that the journal requires. Being working with fractions, the phytochemical composition of the fractions would be very important to determine in order to discuss the observed effects in the paracetamol model of liver damage. Also, it is requested that all presented results are discussed in terms of the compounds that they mention are contained in the extract. From these compounds an extensive literature of their effects as antioxidants and hepatoprotective properties have been reported.	
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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>	

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