

Review Form 1.7

Journal Name:	Journal of Applied Life Sciences International
Manuscript Number:	Ms_JALSI_101279
Title of the Manuscript:	Protective Efficiency of Pterocarpus Erinaceus Leaves Extract in Carbon-tetrachloride-Induced Hepatic and Hematological Injuries in Rats
Type of the Article	Original Research 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.journaljalsi.com/index.php/JALSI/editorial-policy>)

Review Form 1.7

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> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The manuscript shows relevant data for the development of the area. The manuscript is organized according to the guide for authors.</p> <p>Observations</p> <p>I) <u>writing errors</u></p> <p>Page 1 Abstract Results: Line 4 Histological study of the rats' hepatic cells further unveil the protective ability of the plant Histological study of the rats' hepatic cells further unveils the protective ability of the plant</p> <p>Page 2 1. INTRODUCTION:</p> <p>Line 4 chemical toxicity [3]. The liver is term the most crucial organ that exhibit the vital role in chemical toxicity [3]. The liver is termed the most crucial organ that exhibit the vital role in Line 7 detoxification of endogenous and exogenous intermediaries. Consequently, liver injuries is detoxification of endogenous and exogenous intermediaries. Consequently, liver injuries are</p> <p>Page 11 4.2.3 Effects of Plant Extract against CCl₄ on Hematological Components</p> <p>Line 3 a significant changes in Hb, WBC, RBC, PLT and Hematocrit in rats received carbon a significant change in Hb, WBC, RBC, PLT and Hematocrit in rats received carbon Line 7 normal control rats. The study also observed a significant changes in MCHC and MCH in the normal control rats. The study also observed a significant change in MCHC and MCH in the</p> <p>Page 11 5 DISCUSSION</p> <p>Line 2 activity [37]. These component are referred to as active principles or phytochemical substances activity [37]. These components are referred to as active principles or phytochemical substances</p> <p>Page 15 Line 17 The sentence must begin with the name of the authors of the citation 48. experimental rats recorded in the present study. [48] in their work has observed dyslipidemia due</p> <p>II) <u>Missing information in the tables</u></p> <p>The authors do not indicate the meaning of superscripts in the tables.</p> <p>III) <u>Difference in expressed data.</u></p>	

Review Form 1.7

	<p>Page 7 4.2.1 Effects of Plant Extract against CCl₄-Toxicity on Liver Function</p> <p>There is a difference between what is indicated by the authors in the text and the data in Table 1 regarding the values of bilirubin and albumin.</p> <p>IV) Bibliographical references not cited.</p> <p>Page 5 and 6 The bibliographical references included in “2.6.1 Effect of plant extract against CCl₄-induced hepatotoxicity”, “2.6.3 Effect of plant extract against CCl₄-disrupt lipid metabolism” and “2.6.3 Effect of plant extract against CCl₄-induced hematotoxicity” are not indicated in references.</p> <p>Page 17 References</p> <p>Eight citations in references that are not in the body of the manuscript (27, 28, 29, 30, 33, 34, 35,36).</p>	
Minor REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?		
Optional/General comments		

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:	Cristina B. Colloca
Department, University & Country	Instituto de Desarrollo Económico e Innovación, Universidad Nacional de Tierra del Fuego, Argentina