



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Applied Life Sciences International</a>
Manuscript Number:	Ms_JALSI_49237
Title of the Manuscript:	Effect of Flax Seed Oil on Acute Carbon Tetrachloride-Induced Hepatic Injury and Determination of Hepatic Apoptosis 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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><b>ABSTRACT</b>  <b>Methodology:</b> The third group received intraperitoneally dose of 1.0 ml/kg CCl<sub>4</sub> for twice in the first week and the fourth group received at a dose of 1.0 ml/kg CCl<sub>4</sub> intraperitoneally twice in the first week and simultaneously 4 ml/kg FSO by gavage for 4 weeks.....  <b>Group 3 &amp; 4 what is different?</b></p> <p><b>MATERIAL AND METHODS</b></p> <p><b>2.1. Materials</b></p> <ol style="list-style-type: none"> <li>1. Chemicals suppliers and its location must be provided as accurate as possible.</li> <li>2. Biochemical kits must be must be provided as accurate as possible.</li> </ol> <p><b>2.2. Animals</b></p> <ol style="list-style-type: none"> <li>1. Animals food supplier as well as its location must be mentioned.</li> <li>2. The gender of male adults animals used in the experiment</li> </ol> <p>Not used female please give me explanation?</p> <p><b>2.2. Experimental protocol</b></p> <p>They were divided into 4 groups, each containing 8 animals. The first group was identified as control and 0.9% NaCl (1 ml/kg/live weight); second group was given 4 ml/kg/live weight FSO gavage for 4 weeks each day. The third group was injected with a 1:1 ratio of corn oil, 1.0 ml/kg/live weight two doses of CCl<sub>4</sub> was injected intraperitoneally for 3 days in the first week. In the fourth group, 4 ml / kg / live weight dose of FSO was given by gavage for 4 weeks every day, in the first week 2 doses of intraperitoneal 1 ml/kg/ live weight 1:1 ratio were applied with CCl<sub>4</sub> diluted with corn oil.....</p> <p>Confusing grouping and dose must be provided clear information.</p> <p><b>2.3. Collection and processing of samples</b></p> <p>The rats were anesthetized with intramuscular 80 mg/kg ketamine (alfamine, 100 mg/ml, Ata-Fen) and 12 mg/kg xylazine (alfazyne, 20 mg/ml, Ata-Fen) injection [17] 24 hours after the last CCl<sub>4</sub> application. ....</p> <p>the rats was anesthetized by ketamine and xylazine.....why?</p> <p><b>3. RESULTS AND DISCUSSION</b></p> <ol style="list-style-type: none"> <li>1. Without Statistical analysis how can you calculate significant signs?</li> <li>2. The references are not related to the standard method. Pls. check and add the suitable references for serum ALT activities, total protein, total cholesterol, triglycerides and MDA</li> </ol>	



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	levels.....	
<b>Minor</b> REVISION comments	<p>1. This revised manuscript needs an in deep revision in the use of the English language.</p> <p>2. This reviewer suggests that a revised manuscript should be prepared and sending as a new manuscript.</p>	
<b>Optional/General</b> comments	In general, the manuscript needs improvement	

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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:	<b>Sunil Junapudi</b>
Department, University & Country	<b>Jawaharlal Nehru Technological University , India</b>