



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_31349
Title of the Manuscript:	Toxicity Assessment of Sub Lethal Doses of Chlorpyrifos on the Liver and Kidney Organs of Male Wistar 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)
Compulsory REVISION comments	Abstract Line 8: please add " pesticide" after " organophosphate". Line 11 &12: Please replace "toxicities on living organism exposed to this insecticides" by " histological abnormalities in liver and kidneys". Line 26 -28: Please replace the sentences "The total protein resulted in significant reduction in dosages of 18.9 (81.63g/dL)27 and 25.9mg/kg (75.78g/dL), this trend was also observed in albumin and globulin from28 25.9(32.79g/dL) and 39.2mg/kg (42.06g/dL) doses, respectively compared to control". by " Also, experimental treated groups exhibited marked of total protein and altered albumen and globulin content compared to control. Line 29-30: Please replace the sentence"of livers and kidneys revealed dose dependent increase (0 (control), 30 18.9, 25.9, 32.2 and 39.2mg/kg) of chlorpyrifos in all experimental animals" by " revealed dose dependant increase of histopathological alterations". Line 32: please delete " section of " Materials and Methods: Line 106: please add" were" before " used for thisfive weeks old weighing 150 – 200g used for	Abstract ``pesticide` had been added after `organophosphate`</p> <p>`histological abnormalities in liver and kidneys` replacement had been done</p> <p>``Also, experimental treated groups exhibited marked of total protein and altered albumen and globulin contents` compared to control` replacement had been done ``revealed dose dependent increase of histopathological alterations`` replacement had been done ``section of`` had been deleted Materials and Methods `were` had been added `before`



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	this experiment". Line 111-113: please rewrite this sentence in good form "making it five treatments replicated five times and the rats were acclimatised for one week before commencement of treatments". Line 144: please rewrite this sentence in meaning form " The experimental was a completely randomized design with five treatments replicated five times." Results: Please categorized your results under heading to follow up the data such as: Food intake & body weight gain: Haematological observations: Table 1 and Table 2 combined on one, and other parameter like total bilirubin and direct bilirubin in histogram. Replace the " Doses of chloropyrifos" by " Doses" or no mentioned. The histopathological picture can be improved. Discussion & References: satisfied	The sentence had been rewritten in good form to explain what was done in the study. This had been rewritten and also given an appropriate title and explanation of the experimental design and animal grouping. Results: Headings for categorisation had been done and these followed the suggested data and others. The food intake and body weight gain had been merged as a heading. Tables 1 and 2 had been converted to histogram using the parameters of the same units. The total bilirubin and direct bilirubin had been converted to a histogram. Also other parameters of the same units had been converted to histograms for proper presentations The histopathological pictures had been improved. Thanks for your satisfactory on discussion and references
<u>Minor</u> REVISION comments	There are some comments for corrections.	All corrections had been made clearly and properly.
<u>Optional/General</u> comments		