

Review Form 3

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| Journal Name: | Asian Journal of Research in Cardiovascular Diseases |
| Manuscript Number: | Ms_AJRCD_130054 |
| Title of the Manuscript: | Assessment of Chronic Inhalation Exposure Effects of Dichlorvos (Dichlorvos) on Cardioprotective and Atherogenic Indices in the Blood of New Zealand White Rabbits. |
| Type of the Article | Original research article |

PART 1: Comments

| | Reviewer’s comment | Author’s Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
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| Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part. | Environmental exposure of toxic substance affecting health is always a concern, and need to check the safety and lethal effects on health plays a vital role in this technology advancement era. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | Effect of Chronic Inhalation Exposure of Dichlorvos (Dichlorvos) on Cardioprotective and Atherogenic Indices in the Blood of New Zealand White Rabbits Assessment need not be mentioned | Title revised |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | As these are calculated indices, a sentence on the direct Total cholesterol, Triglyceride and HDL-C in treated and control can be mentioned | Ok |
| Is the manuscript scientifically, correct? Please write here. | Inhalation exposure protocol references/protocol adopted can be mentioned Scientifically Cardiotoxicity cannot be mentioned, Cardiovascular risk of altered atherogenic lipid metabolism. The evidences are the blood lipid values. | Effected revision |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | Not sufficient | |
| Is the language/English quality of the article suitable for scholarly communications? | Conclusion:Dichlorvos inhalation exposure caused changes (decrease) in cardioprotective index (AAI) with significant alterations or increases in the atherogenic indices of treated rabbits and the severity was more pronounced at day 90 exposure. Scientifically decreased/increased should be used | Amended revision |
| Optional/General comments | Any toxicological study should give a basal lipid parameter (normal/ control) for the comparison , direct estimated values. As here in this study parameter AAI (anti Atherogenic index), TG/HDL-C, CRI-I, CRI-II, AIP, AC all are calculated parameters on the TC, TGL, HDL-C. To accept the ratios scientifically increased /decreased. Other basal renal/liver parameters has to be mentioned for cardiotoxic effect of Dichlorvos | Noted |

Review Form 3

PART 2:

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| | 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> | |