

Review Form 1.6

Journal Name:	International Journal of Advances in Nephrology Research
Manuscript Number:	Ms_IJANR_78085
Title of the Manuscript:	Assessment of chronic toxicological effects of 2, 2-dichlorovinyl dimethyl phosphate (Sniper) on the kidneys of New Zealand white rabbits
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:

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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. ABSTRACT The first sentence on the unit of animal weight need to be rectified.</p> <p>2. INTRODUCTION The concern raised in the first sentence of the last paragraph on acute toxicity (suicidal and homicidal death) does not match the present experimental design (chronic toxicity. Hence, the results of this study cannot explain the mechanism of toxicity for suicidal and homicidal death.</p> <p>3. PROCUREMENT AND ADMINISTRATION OF SNIPER <i>Inhalation study:</i> The procedure for the administration of Sniper appears to be faulty/defective design. The authors stated that they administered 10% of LD50 of inhaled 2-2 dichloro vinyl dimethyl phosphate which may not be correct. Acute toxicity of inhaled substances is graded as Lethal concentration 50 (LC50) not LD50. This refers to concentration of the 2-2 dichloro vinyl dimethyl phosphate in vapor/inhalation chamber. This has raised more questions. For instance, how did the authors mixed the 2-2 dichloro vinyl dimethyl phosphate at LC50 with water and sprayed again?; How was the concentration of the 2-2 dichloro vinyl dimethyl phosphate in the inhalation chamber measured? What was the volume of the inhalation chamber? if the concentration of the 2-2 dichloro vinyl dimethyl phosphate in the inhalation chamber was not measured, one can conclude that there is no defined exposure dose. The authors should respond appropriately to the issues been raised concerning “Dosing” during the inhalation study or remove the inhalation study (present only oral toxicity study) and modify the manuscript in line with the comments.</p> <p>4. LABORATORY INVESTIGATION OF PARAMETERS The method for the determination of each parameter should be stated and referenced (where applicable). Moreover, the principles of the methods are not relevant and should be deleted.</p> <p>5. RESULTS AND DISCUSSION</p>	

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	Figure1 to 7 did not provide adequate information on the results. The result requires clarity. Therefore, the authors are advised to present the results using histograms.	
Minor REVISION comments		
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:	Wilson Obidah
Department, University & Country	Modibbo Adama University, Nigeria