



SDI Review Form 1.6

Journal Name:	Journal of Applied Life Sciences International
Manuscript Number:	Ms_JALSI_44720
Title of the Manuscript:	Comparative Effects of Spirulina and Vitamin C Against Arsenicosis in Rat
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	<p>The article comparative effects of spirulina and vitamin C against arsenicosis in rat and reference number: Ms_JALSI_44720 is an important investigation, but the experimental design is not good. In other words, authors must to add two groups of both vitamin C and Spirulina to confirm that there are no secondary effects of the compounds especially on body weight and food intake. So authors have to measure food intake beside body weight. The title is not suitable for the manuscript. So authors have the indicate an especial area effect of arsenic in body (organ, system.....ect) and to indicate the parameters have to be analysed</p> <p>Authors must to indicate obviously the route of arsenic administration depending on body weight or in water.</p> <p>Authors made confusion about vitamin C administration. The authors mentioned that vitamin C given as mg/kg, but in vitamin C mixed feed section, said that vitamin C supplemented in water.</p>	<p>In this research, the designed was made to give priority to investigate the combined effect of Spirulina and Vit. C rather than the solitary use of these elements and also to find out the effect of arsenic on rats. That's why single use of Spirulina and Vit. C was not given emphasized.</p> <p>Again, here body weight was measured as a standard basis of morphological parameter and rest of the parameters was measured as Hematological parameter. That's why we made the title as "Comparative Effects of Spirulina and Vitamin C Against Arsenicosis in Rat".</p> <p>Arsenic (mg/L) and Vit. C (mg/kg body weight of rat) was given to the fed of rats in their daily drinking water and Spirulina were given in feed stuff (g/kg feed stuff).</p>
Minor REVISION comments	<p>Abstract The abstract have to be structured as follows: Aim, material and methods in brief, results, conclusion, see the articles. Authors have to omit abbreviation from the abstract when appear in the first time such as SGOT, SGPT.....ect. In other words have to write the complete name.</p> <p>Material and methods The word (test) has to be omitted from test chemical, just chemicals no need to the paragraphs of trioxide solution preparation, vitamin C mixed feed. So the paragraphs have to be omitted.</p> <p>Result and discussion It is better to separate the results and discussion. The discussion is poorly and the conclusion has to be rewritten. The comparison between arsenic+ vitamin C, arsenic + spirulina and arsenic+ vitamin C+ spirulina must be done to confirm in conclusion that the combination is more effective as compared to vitamin C and spirulina separately.</p>	
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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	No