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Journal Name:	**Journal of Advances in Medical and Pharmaceutical Sciences**
Manuscript Number:	**Ms_JAMPS_62817**
Title of the Manuscript:	**L-CITRULLINE SUPPLEMENTATION ENHANCES REPRODUCTIVE FUNCTIONS OF LEAD ACETATE INDUCED TESTICULAR TOXICITY IN MALE SPRAGUE DAWLEY 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/journal/10/editorial-policy)

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	**The paper describes the effects of L-citrulline supplement on reproductive function and antioxidant activities in lead acetate treated male Sprague dawley rats. There were different effects of leads on organs explained in the paper such as its deleterious effects on nervous, renal, reproductive, immune system and cardiovascular. It also known to show mutagenic effects. The experiment records the effects of orally administrated treatment was studies on caudal sperm, serum hormone level, testicular antioxidant activities and nitric oxide levels on male rats. The result of the experiment highlights the ameliorating effect of L-Citrulline on the detrimental effects of lead acetate on sperm parameters. The study also describes the effects of conversion of L-citrulline into L- arginine that are blood flow improvement by creating nitric oxide, enhances the rate of glycolysis and it plays an important role in stimulating sperm motility in humans in vitro conditions. The study helps in understanding the beneficial medical role of L-citrulline against lead-acetate induced oxidative stress and testicular toxicity.**	
Minor REVISION comments		
Optional/General comments		

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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?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

Name:	***Ashutosh Tripathi***
Department, University & Country	***Amity University, India***