

Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_92986
Title of the Manuscript:	Alterations in Hepatocellular, Reproductive, and Oxidative Stress Parameters in Female Albino Rats Exposed to Crude Oil
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)
Compulsory REVISION comments	<p>Dear Authors,</p> <p>Thank you for the opportunity to review your manuscript titled, "Alterations in Hepatocellular, Reproductive, and Oxidative Stress Parameters in Female Albino Rats Exposed to Crude Oil". The topic is interesting and of great importance. The authors aimed to study the effect of exposure of crude oil on the liver, ovary and some oxidative stress parameters in albino rats. There are certain issues that the authors need to address before the paper can be accepted for publication and i hope to be useful for improving the manuscript.</p> <ol style="list-style-type: none"> 1. Please insert the full names beside abbreviations for first time mention in abstract section and also in all manuscript. 2. The authors mentioned in material section "Aspartate aminotransferase (AST), Alanine amino transferase (ALT) "Are the authors meanted the kits used for their measuring?. 3. Please check the reference of used doses of crude oil (Ogara et al. [13]) where they used various volumes (1, 5 and 10ml) of crude oil not the same mentioned in current work. 4. Please insert references for measuring methods of FSH, LH, Prolactin, MDA and SOD. 5. Please write the details of used kits such as type and country of purchasing? 6. The authors mentioned " The control and the treated groups on comparison of their FSH, LH and prolactin levels showed significantly higher values of FSH, LH and prolactin in the low and high dose treated rats, there was also significant difference in FSH, LH and prolactin values when compared between the low and high dose treated rats, at p< 0.05 (Table 2)" in result section. Please check these results where the treated groups showed significant decrease not increase compared with control and there is non significant difference between low and high crude oil groups. 7. Please insert the results of MDA in result section. 8. Please insert Mean±SD in footnotes or in title of table 5. 9. Please insert figures numbers in result section of Histology of the Ovaries. 10. Please insert the scale bars on histopathological figures. 11. The authors mentiond " The FSH, LH, and prolactin were significantly reduced in the treated groups". Please insert suitable attribution for the decrease of these 	

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	<p>reproductive hormones.</p> <p>12.The authors mentioned "Orisakwe et al. [22], they reported mild to complete degeneration and necrosis of the seminiferous tubules and reduction in the epididymal sperm count following administration of BLCO dissolved in drinking water to rats. The authors evaluated the negative effects of crude oil on female not male reproductive system.</p> <p>13.Please revise the formatted of list of references to follow the instruction of journal where the name of journals should be wrote with abbreviations and followed by full stop punctuation mark (.).</p>	
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>	

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