

Review Form 1.6

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_84535
Title of the Manuscript:	EFFECT OF OMEGA-3 SUPPLEMENT ON OXIDATIVE STRESS MARKERS IN BRAIN AND HEART TISSUE HOMOGENATES OF SHOCK INDUCED ALBINO 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:

(<https://www.journaljammr.com/index.php/JAMMR/editorial-policy>)

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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>Paper in not lacking interest, however there are different aspects to be consider in order to improve it.</p> <ul style="list-style-type: none">- There is not a “Ethics” section and, considering the use of animals and the kind of damage and suffering induced, this study must be revised and accepted by ethics committee and be in line with national and international legislation for the protection of animals used in research. <p>The section Methodology is so limited in description and, more information must be included necessarily in case of experiments must be reproduced anywhere. Information like gender of rats, the vehicle used for the omega administration, a brief description of the colorimetric methods used, the brand and catalogue number of ELISA kids used, the statistics (ANOVA was used but, what kind of test for the comparison between groups?)</p> <ul style="list-style-type: none">- References list needs a careful revision because several mistakes in writing, format, copy paste are present.- Why some of your results are presented in milligrams of protein and others in mL?; according the methodology, all markers were measured in homogenates.- English edition is necessary to improve the manuscript.- Discussion is mainly a description of results mixed with comparisons against previous reports, please improve it.	<p>ethical adherence in the care and handling of animals were cited in the work. All rules and guides were duly followed.</p>
Minor REVISION comments	<ul style="list-style-type: none">- What is the origin of omega-3?, comes from a drugstore?, from a laboratory supplier?, what is the purity? how is this omega administered to the animals?, one daily doses? One week doses? , intragastric? i.p.?, etc?- Abstract described omega 3 as a protective ...”Hence intake of omega 3 might protect our organs against environmental induced stress”... but stress was induced in rats by electric shock (ECT), how is that related to environmental?.- Is necessary a clear description of the ECT because of the nature of the treatment; an calibrated apparatus was used?, time of application was continuous or by doses?, rats were anesthetized or immobilized?. These information must be included in the manuscript. <p>- The p values in tables must be for each comparison, in not clear if you includes a p value for each column of results because not all differences bring a p lower than 0.0001; i.e., is not the same p value if you compare 16.48±0.03 vs 14.26±0.01 or 16.48±0.03 vs 21.02±0.01</p>	<p>The anaesthesia used and mode of administration are included in the manuscript.</p> <p>The rats were immobilized by holding the tip of the tail till it was steady, then the ear tips were clipped to the machine before the process of inducing shock was made.</p> <p>The F and P values are what was statistically obtained and are lower than 0.05. since it was ANOVA, a single p value was gotten. For comparing all in same column</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?	<p><u>(If yes, Kindly please write down the ethical issues here in details)</u></p> <p>Yes.</p> <p>The use of animals for research and the kind of injury induced must be carefully considered</p>	<p>The design for the research was approved by the research ethic committee of my university.</p> <p>Thank you</p>