



SDI Review Form 1.6

Journal Name:	<u>International Journal of Biochemistry Research & Review</u>
Manuscript Number:	Ms_IJBCRR_30202
Title of the Manuscript:	A Novel Non-Invasive Approach to Detect Cellular Signals of Oxidative Stress due to Extreme Environmental Temperatures in Backyard Broiler from Arid Tracts in India
Type of the 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>)



SDI Review Form 1.6

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	Introduction - The title indicated that the works carried out in the backyard poultry... but in the materials & Methods used WLH?. Bcause White Leghorns is a layer not a broiler and not at all suitable for backyard poultry - Make sure that its a novel noninvasive method for the detection of stress? - In line no. 52-53 cite with reference - In line no. 53- 56 is not clear & modify - Line no.60 with the cited reference is not applicable to poultry, so delete it Materials & Methods - Line no.71: 6-8 weeks backyard White Leghorn ??????? - Line no. 73: No need to mention... standard management conditions since reared under backyard conditions - Since the experiment was conducted in a broiler stock and was reared up to 8 weeks only, so how come could be possible to classified in three exrtreme conditions viz, moderate, extreme hot and extreme cold environmental temperature periods (ETPs). So its clearly indicated that the experiment was not conducted????????? In Table 1: - No need to compare the overall mean with the	Marginal poultry keepers raise these birds in backyard poultry farms. Yes Not required Not required Authors opine that it is a general statement Authors opine that it is clear Standard management condition of backyard Authors are of the opinion that reviewer has not read this article nor he is aware that how grouping of e animals is done in such experiemts. 11. Authors do nor agree to these points. Correct statistics has been used. 12. Epidemiologically word has been correctly used in the text, which stands for study and analysis of the patterns, causes, and effects of health and disease conditions in defined populations. Done



SDI Review Form 1.6

	experimental conditions. 10. The statistical differences indicated by superscript should start with “a”. 11. The superscripts “b & d” is present among the mean values (row) and age groups, clearly indicated that there is no significant differences exists. Means the author not analyses statistically. 12. Conclusion: The epidemiologically word should be deleted (line no.177). 13. References: Check as per the required format In some places, space should be given between the sentences (line No.92 & 178), spelling mistakes (line 129: value & 165: oxygen)	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		