



SDI Review Form 1.6

Journal Name:	Asian Journal of Fisheries and Aquatic Research
Manuscript Number:	Ms_AJFAR_47663
Title of the Manuscript:	EXPRESSION OF HEAT STRESS BIOMARKERS IN WILD AND CULTURED AFRICAN CATFISH <i>Clarias gariepinus</i> (BURCHEL, 1822)
Type of the Article	RESEARCH

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>)

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	<ol style="list-style-type: none"> 1. Since you studied in an animal model, you may have to declare an approval of ethical animal research. 2. You showed the results of glucose but you did not indicate how to collect sample for glucose analysis and how to analyze glucose. Did you measure fish cats' glucose before and after conditioning? 3. From your findings, how could they be applied for human health or environment or others? <p style="text-align: center;">Since they studied in an eatable fish, I am not sure if they have to declare an approval of ethical research.</p> <p>The materials and methods are incomplete; missing glucose analysis.</p>	<ol style="list-style-type: none"> 1. All procedures were conducted following the guidelines of the Council on the Protection of Animals Used for Experimental and Other Scientific Purposes . 2. The materials and methods for glucose analysis in now included. 3. There is an inverse association between stress and well-being living organism, the detection of stress has been employed as a tool in assessing the welfare of animals. Stress is perceived as undesirable in living organism which can result in a lot of physiological and health challenges. The findings of this study
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?	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p> <p>Yes, this is an animal research but the author did not declare an approval of ethical research.</p>	