



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Applied Life Sciences International</a>
Manuscript Number:	Ms_JALSI_50178
Title of the Manuscript:	Mild hyperoxia stimulation increases regional tissue oxygen pressure in rat hippocampus via oxygen radical
Type of the Article	Short 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/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)
<b>Compulsory</b> REVISION comments	<p>This manuscript needs revision: <b>Aims:</b> The purpose of this study is to confirm whether mild hyperoxia could activate nervous system in the hippocampus. The aim is not clear please rewrite the sentence.</p> <ul style="list-style-type: none"> <li>• Please include ethical statement. Specify original source of animals.</li> <li>• Detailed information on surgical procedure is needed.</li> <li>• What precautions were taken and any measure was taken to reduce the pain of the animals? After surgery, rats were housed individually and allowed to recover for several days. Please mention the duration...no of days, also describe the state of the rats after surgery.</li> <li>• Mention all chemicals used in the study and their purchase in the methods section.</li> <li>• Make sure that the "n" is defined for every experiment in the figure legends.</li> <li>• Conclusion is hard to follow, must be re written.</li> <li>• All the References should be presented in same style.</li> <li>• The current format of this manuscript is not suitable for publication since it is not well-written and typos and grammar error are throughout the manuscript.</li> <li>• English language should be polished.</li> </ul>	<ol style="list-style-type: none"> <li>1. Regarding ethical and animals, We revised as follow: page2, line63 – 65, All animal procedures were approved by the Nagoya Institute of technology's Laboratory Animal Care and Use Committee. Male Sprague-Dawley (SD) rats were purchased from SLC (Shizuoka, Japan).</li> <li>2. Regarding surgery and chemicals, We revised as follow:page3, line86,87, 108-111.</li> <li>3. Regarding "n", We revised as follow: page4, line 127, page5, line141, 142</li> <li>4. Regarding references, We Completely rewritten. Page7-10.</li> <li>5. We received English proofreading.</li> </ol>
<b>Minor</b> REVISION comments	In general, the manuscript should be reorganized to follow a more readable format.	
<b>Optional/General</b> comments		



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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	We revised Material and Methods, and Competing interests as follow: All animal procedures were approved by the Nagoya Institute of technology's Laboratory Animal Care and Use Committee. as follow: The authors declare that they have no conflict of interests