

## Review Form 1.6

Journal Name:	<a href="#">Annual Research &amp; Review in Biology</a>
Manuscript Number:	Ms_ARRB_76234
Title of the Manuscript:	Glutathione Reductase Encoding Gene (gor) Is Associated with Oxidative Stress and Antibiotic Susceptibility in Pseudomonas aeruginosa
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://peerreviewcentral.com/page/manuscript-withdrawal-policy>)

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**PART 1: Review Comments**

	Reviewer's comment	Author's comment <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><u>Compulsory</u></b> REVISION comments	<p>In relation to the review of the work "The gene that encodes glutathione reductase (Gor) is associated with oxidative stress and susceptibility to antibiotics in psudomonas aeruginosa" ..... I propose the following.</p> <p>In the introduction, it clearly and precisely states the objectives, scope and importance of the research ... it clearly states the effects it causes on the human body, renal system, blood and lungs in patients receiving care in the different hospitals; highlighting the resistance of psudomonas aeruginosa to the different antibiotics.</p> <p>In materials and methods they are clear enough to achieve the objective of this research ... and by using the study with DNA and with bacteria obtained as specific oligonucleotides to study the GSH molecules ... it complies with the proposed.</p> <p>Results..it is verified that hydrogen peroxide reduces water and oxygen in GSH molecules causing cell death and that hydrogen peroxide at different concentrations is effective to achieve cell lysis ..... graphic presentation of the results is clear and allows us to understand the scope of the investigation.</p> <p>The bibliographic review is complete and adequate.</p> <p>Conclusion .... in my opinion this work meets the requirements to be published in this journal, due to the importance of the subject; since the hospitalization time that the patients stay in the hospital is increasing; and that P aeruginosa, due to its pathogenic characteristics, is a health risk for the hospitalized patient.</p> <p>I want to clarify that this review was done in this way; without using the appropriate format due to the difficulties that arose when not being able to open the corresponding files; I apologize for that.</p> <p>I remain at your service for any clarification</p>	
<b><u>Minor</u></b> REVISION comments		
<b><u>Optional/General</u></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>	

**Reviewer Details:**

Name:	<b>Alfonso Castañeda Martínez</b>
Department, University & Country	<b>Universidad Autónoma de Nayarit, México</b>