



**SDI Review Form 1.6**

Journal Name:	<a href="#">Microbiology Research Journal International</a>
Manuscript Number:	Ms_MRJI_46972
Title of the Manuscript:	SELECTION, CHARACTERIZATION, AND SUBMERGED CULTIVATION OF UV MUTANTS OF STREPTOMYCES CLAVULIGERUS FOR CLAVULANIC ACID PRODUCTION
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>)



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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)
<b>Compulsory</b> REVISION comments	<p>Well thought out and highly articulated work. However, I would be pleased if the following observations could be considered</p> <p>Lines 1-2: "Exploring the optimization of UV mutants of <i>Streptomyces clavuligerus</i> for Clavulanic Acid Production" seems a better option for me.</p> <p>Lines 36-39: Can it be said that antibiotic based drugs have given way for combinatorial-chemistry and directed synthesis based drugs?</p> <p>What is the status of microbe-based drugs discovery program now after Selman Waksman discovered the first antibiotic from actinomycetes?</p> <p>Line 58: AC or CA productive mutants?</p> <p>Line 143: Was any other agitation/optimisation done apart from the 180 rpm and pH 6.8?</p> <p>Line 152: DO??</p>	<p>Thank you. We are very happy with your comments and all the comments were carefully considered before edition.</p> <p>Ok, title changed.</p> <p>Really, the vast majority are semi-synthetic antibiotics. It was complemented in the manuscript.</p> <p>There has been a lot of research conducted. According Davies and Davies (2010), the discovery and subsequent use of novel antibiotics have been followed by the emergence of antibiotic resistance genes and resistant pathogenic bacteria.</p> <p>Corrected.</p> <p>Only this agitation was used.</p> <p>Corrected.</p>
<b>Minor</b> REVISION comments	<p>Line 233: If the major cause of antibiotic resistance is as a result of inappropriate use and excessive treatment of antibiotics, how then can you explain the 128,000 Americans that die each year as a result of taking medications as prescribed?</p>	<p>This sentence has been complemented.</p>
<b>Optional/General</b> 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?	(If yes, Kindly please write down the ethical issues here in details)	