



SDI Review Form 1.6

Journal Name:	Microbiology Research Journal International
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>)

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	Well thought out and highly articulated work. However, I would be pleased if the following observations could be considered Lines 1-2:" Exploring the optimization of UV mutants of <i>Streptomyces clavuligerus</i> for Clavulanic Acid Production" seems a better option for me. Lines 36-39: Can it be said that antibiotic based drugs have given way for combinatorial-chemistry and directed synthesis based drugs? What is the status of microbe-based drugs discovery program now after Selman Waksman discovered the first antibiotic from actinomyctes? Line 58: AC or CA productive mutants? Line 143: Was any other agitation/optimisation done apart from the 180 rpm and pH 6.8? Line 152: DO??	
Minor REVISION comments	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?	
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?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

Name:	Itodo, Sunday Ewaoche
Department, University & Country	Niger Delta University, Nigeria