



SDI Review Form 1.6

Journal Name:	British Microbiology Research Journal
Manuscript Number:	2015_BMRJ_16220
Title of the Manuscript:	ANTI-MEASLES VIRUS ACTIVITY OF SELECTED MEDICINAL PLANTS OF NIGERIA
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:

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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>
<u>Compulsory</u> REVISION comments	1. According the document 'Manual for the laboratory diagnosis of measles and rubella virus infection' provided by WHO, the cell line Vero/SLAM is recommended for the measles virus isolation. The cell line is transfected with a plasmid encoding the gene for human SLAM, the cellular receptor for the measles virus. Vero/SLAM is more sensitive to the measles virus than Vero cell line and widely used for measles virus replication and anti-measles drug development. So why do you use Vero cell line for the study? 2. The measles virus in this study comes from the attenuated measles vaccine. Its virulence is different to the reference and wild strain. Why don't you use the reference measles virus in this study?	Vero SLAM was not available in our Laboratory when this work was done. Vero SLAM is made to specifically isolate Measles but Vero has been the cell line we use in this Laboratory since its inception. The problem of non availability of geneticin also made it impossible for us to use Vero SLAM. We are not allowed to use wild virus for our work for the purpose of containment. The vaccine strain also grows better to very high titre in Vero than the wild.
<u>Minor</u> REVISION comments	1. Some symbols in the manuscript should be more standardized. The samples are following, 400C should be 40°C, 100µg/ml should be 100 µg/mL, NaHCO₃ should be NaHCO₃, et al. 2. The OD of background should be minused when CC50 was calculated.	The difference is actually negligible since the OD of background for both the controls and treated wells were not subtracted.
<u>Optional/General</u> comments		