Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	**Ms_JMSRR_63561**
Title of the Manuscript:	**MATHEMATICAL MODELLING OF PREVENTION, CONTROLLING AND TREATMENT OF INFECTIOUS DISEASES DETERMINANT FACTOR OF INFANT MORTALITY WITH MEDICINAL PLANTS GROWN IN NIGERIA, WEST AFRICA.**
Type of the Article	**Original 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/journal/10/editorial-policy)

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	The authors present interesting data about medicinal plants reduces the rapid progression of infection in the community based on the simulation seen at Fig. 1 and Fig. 2. The authors formulate mathematical model that include medicinal plant class to observe whether medicinal plants give an effect or not to the number of infectious. The authors report that there is a decreasing in the number of susceptible infected infant population which is possibly due to the high rate of medicinal plants and the number of recovered infants increase when using these medicinal plants. Determinant factors for infectious disease are also evaluated. The manuscript is well written, has important clinical message, and should be of great interest to the readers. However, there are a couple of minor issues that have been mentioned in the "minor revision comments". Overall, it is an important study, and should be considered for publication in JMSRR once the minor issues have been resolved.	**The title has been modified as OPTIMISING MEDICINAL PLANTS VALUE GROWN IN NIGERIA, WEST AFRICA FOR PREVENTION, CONTROLLING AND TREATMENT OF INFECTIOUS DISEASES, DETERMINANT FACTORS OF INFANT MORTALITY WITH MATHEMATICAL MODELLING PROTÉGÉ**
Minor REVISION comments	There are still a couple of (relatively minor) changes which would be advisable: 1. Please re-check and re-write in-text citation properly. 2. p3 line 26 just write the number either in word or in number, no need to put both. 3. Table 2- adjust the width for the table and make sure that every item can clearly be seen. 4. Table 3 row1, column 2- I think the authors duplicate the item where it supposed to write "type of disease" may be?	Done Done Done Done
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)*	