Review Form 1.6

Journal Name:	**Journal of Advances in Microbiology**
Manuscript Number:	**Ms_JAMB-85551**
Title of the Manuscript:	**Screening for biodegradation potential of Endophytic Bacteria isolated from the roots and leaves of Mangrove plants (Avicennia germinans (Black mangrove), Acrostichum aureum (golden leather fern) and Rhizophora mangle (Red mangrove).**
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:

(https://www.journaljamb.com/index.php/JAMB/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 aim of the current study is to screen and determine the biodegradation potential of the endophytic bacteria isolated from roots and leaves of mangrove plants. The authors have isolated, identified and screened endophytic bacteria from roots of *Rhizophora mangle, Avicennia germinans* and *Acrostichum aureum*, three major species of mangrove plants found in the Niger Delta. The organisms isolated include: *Pseudomonas sp, Bacillus sp, Staphylococcus sp, Micrococcus sp, Klebsiella sp, Azotobacter sp, Nitrobacter sp.* and *Nitrosomonas sp.* The five isolates that showed higher degradation rate changed to colourless as a confirmation of the hydrocarbon degrading ability. The results revealed high numbers of active endogenous bacteria in the roots of the mangrove plants, which are known to possess catabolic abilities and have the ability to degrade crude oil. These mangrove roots may harbour bacterial genera that may play important role in nitrogen cycle and also bring about bioremediation of polluted environment. Therefore a consortium of these bacteria can be used to clean up oil spills in hydrocarbon polluted environment. **My recommendation to the authors is the literature be written according to the rules of the Journal.**	
Minor REVISION comments	Several corrections are made by me in the text with red letters.	
Optional/General comments	The current research paper should be published in the upcoming issue of "Journal of Advances in Microbiology" after minor revision.	

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:	**Vera Ivanova Kolyovska**
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