**SDI Review Form 1.6**

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|---|---|
| Journal Name: | **Microbiology Research Journal International** |
| Manuscript Number: | **Ms_MRJI_56054** |
| Title of the Manuscript: | **CADMIUM (Cd) AND LEAD (Pb) UPTAKE POTENTIAL AND SURFACE PROPERTIES OF Aeromonas spp. ISOLATED FROM SOIL OF LOCAL MINING SITE** |
| 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 | **The idea is well discussed in many previous works especially with the use of Bacillus sp. They showed more heavy metal removal % compared to the results of this study. The author restrict the tested conc. To 12ppm which is very low to ensure The efficiency of using this system for bioaccumulation ' Aremonas sp. As the authors mentioned in this study.**<br>**Also, the authors examined the bacterial cells before and after the heavy metal accumulation and adsorption using the FT IR technique it was preferable to use the transmission electron microscopy to study the reaction on the cell surface and the metals ions.**<br>**Finally the author must mention directly in the conclusion which technique tested in this study is more efficient for the heavy metal removal process** | 1. It was observed that most bacteria isolated from contaminated fluids/sludges perform better % removal than those obtained from soil like in this case. |
| **Minor** REVISION comments | | |
| **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)* | |