



SDI Review Form 1.6

Journal Name:	<u>British Microbiology Research Journal</u>
Manuscript Number:	2013_BMRJ_6587
Title of the Manuscript:	Lipolytic Activity and Molecular Characterization of Pseudomonas aeruginosa and Lysinibacillus sphaericus from domestic oil rich wastewater
Type of the Article	Research report

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>)



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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	<p>The research focused on the isolation of lipolytic microbes and monitoring their growth dynamics in lipid enriched environments. Eight high lipolytic bacteria were isolated and studied. However, these results were insufficient.</p> <p>1: Fig 1 and Fig 2 are poor presented.</p> <p>2: Nine microbes isolated from environments are prokaryotes. Why did not find some yeasts since yeasts in general have better lipolytic activity than bacterium.</p> <p>3: 16S rRNA is usually used to classify the microbes. But it is better to add some biochemical characterization of each isolates to further verify their classification.</p> <p>4: It is necessary to isolate the lipolytic genes that confer to their lipolytic activities.</p>	<ol style="list-style-type: none"> 1. The figures 1, 2 and 3 are cited and highlighted in yellow in lines 177 and 182 respectively. 2. This research was designed on the lipolytic bacteria. The lipolytic fungi is another experimental already going on while the combination of bacteria and fungi to solve the problem of domestic wastewater pollution will be designed. 3. Biochemical characterization was first used for the identification and classification. This was then confirmed using molecular identification (16S rRNA). 4. I agree with the reviewer's comment. Research proposal has been designed on the isolation of the lipolytic gene.
Minor REVISION comments		



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<u>Optional/General</u> comments		