

Review Form 3

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| Journal Name: | Journal of Advances in Biology & Biotechnology |
| Manuscript Number: | Ms_JABB_121044 |
| Title of the Manuscript: | Bacterial quantification in different plating methodologies |
| Type of the Article | Short communication |

Review Form 3

PART 1: Review Comments

| Compulsory REVISION comments | Reviewer's comment | Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|---|--|---|
| Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part. | THIS WORK IS IMPORTANT BECAUSE; (I) AUTHOR PROPOSED MICRODROP METHODOLOGY COULD BE CONSIDERED SIMILAR TO STANDARD PLATING METHODOLOGY, (II) TWEEN 80 INCREASES THE CELL VIABILITY, AND (III) THE MAGNITUDE OF COLONY FORMATION UNITS WAS NOT AFFECTED BY DILUTION PROPORTIONS. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | YES | |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | YES | |
| Are subsections and structure of the manuscript appropriate? | YES | |
| Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part. | THE USE OF THE MICRODROP METHOD, WHEN COMBINED WITH TWEEN (0.1%), INCREASED THE UNITARY CFU VALUE, PROVIDING A COST-EFFECTIVE METHOD FOR COUNTING VIABLE AZOSPIRILLUM BRASILENSE CELL NUMBERS COMPARED TO STANDARD CULTURE MEDIA. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | YES | |
| Minor REVISION comments | YES | |
| Is the language/English quality of the article suitable for scholarly communications? | | |
| Optional/General comments | SOME MINOR MODIFICATIONS ARE OBSERVED IN THE MANUSCRIPT AND ARE HIGHLIGHTED IN TRACK CHANGES AND REVIEW COMMENTS FOR MODIFICATIONS | |

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) |
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| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

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Reviewer Details:

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|----------------------------------|---|
| Name: | Keshamma E |
| Department, University & Country | Maharani Cluster University, India |