

Review Form 3

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| Journal Name: | Microbiology Research Journal International |
| Manuscript Number: | Ms_MRJI_130659 |
| Title of the Manuscript: | Assessment of Synthetic Food Dyes, Carmoisine and Tartrazine, on Gut Microbiota of Albino Rats |
| Type of the Article | Original Research Article |

PART 1: 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) |
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| Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part. | This manuscript scientifically demonstrates the following: 1. The impact of some synthetic dyes in improving the shelf-life of foods 2. The antibacterial activity of some synthetic dyes (Carmoisine and Tartrazine) 3. Identified the bacteria that can be resistant to some synthetic dyes (Carmoisine and Tartrazine) | Thank you for mentioning the importance of the manuscript. |
| Is the title of the article suitable? (If not please suggest an alternative title) | The title should be Assessment of Antibacterial Activity of some Synthetic Food Dyes (Carmoisine and Tartrazine) on Gut Microbiota of Albino Rats Purchased from the University of Port Harcourt Animal Farm, Nigeria | The suggested title has been considered. Thank you. |
| 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. | The following points should be added 1. The objectives of the study 2. The range of bacterial counts for both control and test samples 3. The organisms isolated in the control sample | Noted |
| Is the manuscript scientifically, correct? Please write here. | YES, it is correct. The Author should add procedure for obtaining pure isolate before moving to molecular Identification of the suspected organisms. | Thank you for the suggestion. |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | Some of the references are not recent, all those below 2015 should be considered as outdated. | Noted and recent ones added. |
| Is the language/English quality of the article suitable for scholarly communications? | The Language is suitable for scholarly communication | Thank you |
| Optional/General comments | The Author should add the following: 1. The table for bacterial counts for easy understanding 2. List all the biochemical tests conducted 3. Table for cultural, Gram reaction and biochemical test result 4. Result for Molecular identification showing the homolog of each organism 5. There is a need for citations in the methodology | The suggestions have been noted. |

Review Form 3

PART 2:

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| | 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) | |