EDITORIAL COMMENTS FORM

EDITORIAL COMMENT'S on revised paper (if any)	Authors' response to editor's comments
. Clarify Statistical Significance: Provide clearer statistical analysis for all treatment groups, including p-values and confidence intervals, to better interpret the results.	The authors included statistical significance in Figure 1 which was a t-test comparison between the control condition and every other condition. While the authors have included the p-value for table 2, according to a new study (https://pmc.ncbi.nlm.nih.gov/articles/PMC4966396/#:~:text=The%20%CF%872%20statistic%20is%20used%20to%20estimate%20whether%20or,risk%20ratio)%20or%20odds%20ratio), when the groups are more than 2, the p-value does not imply strength of the association.
• Justify Animal Number: Include a sample size calculation or reference to similar studies to justify the number of rats used.	For an experimental study as this one, a sample size of 3 per group is fine. This study used 4 rats per group.
• Control Group Composition: Clarify the composition of the control group (Group A) to ensure the methodology is clear.	Two set of controls were used in this study, first, the Group A (control) were rats given only feed during the experimental process while Group E are rats obtained from the animal farm before the experimental set up prior to acclimatization.
• Dose Relevance: Provide context on the doses of dyes used in relation to typical human consumption levels.	The pattern of dosage used was as follows and this information has been updated in the manuscript.
• Details on Molecular Techniques: Expand on the methods used for molecular identification, including DNA extraction and sequencing protocols.	The molecular amplification product was used for sequencing studies. After this, the phylogenetic tree was produced.
• Address Confounding Factors: Acknowledge potential confounding variables like diet or environmental conditions that might influence results.	Factors that may act as confounders have been mentioned.
• Implications for Human Health: Discuss the potential implications of the findings for human health, especially in terms of microbial dysbiosis.	The implication of these results in the light of clinical relevance have been mentioned.
• Future Research Directions: Provide more detailed suggestions for future research, including dose-dependent studies and in vivo effects of microbial dysbiosis.	Some future perspective studies have been included in the last part of the work
• Grammar and Punctuation: Address minor grammatical and punctuation errors for improved clarity.	Minor grammar errors have been done on the work
• Figure and Table Legends: Expand legends to provide more context and details for figures and tables.	Table lend have been added.