

Review of: "The anti-staphylococcal activity of probiotic-contain gelatin and whey coatings on processed chicken breast"

Hafiz Abdul Rasheed¹

¹ Jiangsu University

Potential competing interests: No potential competing interests to declare.

This manuscript reported the anti-staphylococcal activity of probiotic-contain gelatin and whey coatings on processed chicken breast. Abstract is properly written but also needs some adjustments and introduction is also written in a good way but still needs to proofread again and remove some minor grammatical mistakes. Experiments are accompanied with results and discussion properly. The authors focused only parameter of antimicrobial potential but it can also be more extensive in other way of coating characterization etc.

Comments are as follows:

1. The objective of the study must be highlighted in the abstract.
2. In abstract, authors shouldn't add the statistical statements; "Data were analyzed for statistical significance by analysis of variance (ANOVA) and the Kruskal-Wallis test" please remove it.
3. In abstract "Regarding the samples coated with whey protein, of course, on days 1 and 15 and only in the samples containing *L. plantarum*, the anti-staphylococcal effect was significant compared to the control" this needs to rewrite in a proper way.
4. In the whole manuscript the word "Coat" is used but according to my knowledge this word needs to change with a proper word "coating" which is a widely used in many articles.
5. In the manuscript some abbreviations are given without description such as at page # 3 "RT" missing description. Authors need to describe every abbreviation carefully.
6. Results and discussion starting from "Table 1 shows the details of the observed results of the growth" it's not correct way to start results and discussion. Please make some proper adjustments according to study objectives.
7. Results are accompanied with proper and good discussion. It only needs to remove some minor punctuation mistakes.
8. This manuscript lacks of study limitation statement.

As proper study has been conducted based on anti-staphylococcal edible coating, after revision, paper can be accepted