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| Journal Name: | [**European Journal of Nutrition & Food Safety**](https://journalejnfs.com/index.php/EJNFS) |
| Manuscript Number: | **Ms\_EJNFS\_134806** |
| Title of the Manuscript: | **Bridging Nutrition and Technology: A Comprehensive Review on Modern Food Processing System** |
| Type of the Article | **Review Article** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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. A minimum of 3-4 sentences may be required for this part.** | **This publication presents a thorough and relevant analysis of modern food processing technologies, with a focus on their potential to improve nutrition, minimize food waste, and promote sustainability. It explores novel technologies such as high hydrostatic pressure and pulsed electric fields to close significant gaps in food science, technology, and public health. The evaluation also emphasizes the valorisation of food byproducts and the development of edible packaging, which are consistent with circular economy ideas. Given the growing global need for healthier, more environmentally responsible food systems, this publication provides important insights for researchers, regulators, and industry stakeholders working on sustainable nutrition solutions.** | Thank you for your compliment |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** | Thank you for your compliment |
| 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, the abstract for the article is comprehensive and well-structured. It effectively summarizes the manuscript's main themes, which include the nutritional value of fruits and vegetables, challenges in current food systems, innovative food processing technologies (such as High Hydrostatic Pressure and Pulsed Electric Fields), and the importance of alternative proteins and edible packaging. It also clearly connects these concerns to larger aims such as sustainability and the UN SDGs.** | Thank you for your compliment |
| Is the manuscript scientifically, correct? Please write here. | Yes | Thank you for your compliment |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes | Thank you for your compliment |
| Is the language/English quality of the article suitable for scholarly communications? | Yes, the language and English quality of the article are generally suitable for scholarly communication. | Thank you for your compliment |
| Optional/General comments |  |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail)*  **No, there are no ethical issues identified in this manuscript.** | thank you |