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| Journal Name: | [**European Journal of Nutrition & Food Safety**](https://journalejnfs.com/index.php/EJNFS) |
| Manuscript Number: | **Ms\_EJNFS\_131576** |
| Title of the Manuscript: | **Quality and Shelf life of Irradiated Seafood Products – An overview** |
| 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 review provide advances knowledge of this method's efficacy in lowering spoilage, maintaining nutritional value, and inhibiting pathogenic growth in marine items by synthesizing research on it. A comprehensive assessment of the use of irradiation in seafood preservation is provided by the review, which also examines safety, legal issues, and possible consumer acceptability. Researchers, business leaders, and legislators looking for creative and sustainable ways to solve food security and waste reduction in the seafood industry may find this study to be a useful resource. | Ok |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Irradiation technique for shelf life extension of seafood – A review | **Quality and Shelf life of Irradiated Seafood Products: An overview** |
| 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. | Briefly explain regarding paper | Ok |
| Is the manuscript scientifically, correct? Please write here. | Improve each and every section of paper with recent information and arrange every section of paper in flow. | Noted |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | References are not sufficient, add more recent publication details | Updated |
| Is the language/English quality of the article suitable for scholarly communications? | Improve literature quality for paper | Improved |
| Optional/General comments | Mention about irradiated product symbol and its safety limit for consumption and add more scientific details with latest publication | Ok |

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