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| Book Name: | [**An Overview of Disease and Health Research**](https://bookstore.bookpi.org/product/an-overview-of-disease-and-health-research-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5599** |
| Title of the Manuscript:  | **Considerations for Rice (Oryzasativa) Fortification with Essential Micronutrients in Public Health Intervention** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Bangladesh Journal of Medical Science, 19(2), 189–193, 2020.**

**DOI:** [**https://doi.org/10.3329/bjms.v19i2.44994**](https://doi.org/10.3329/bjms.v19i2.44994)

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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 manuscript addresses a globally significant issue—micronutrient deficiency—and presents rice fortification as a viable public health intervention. Given the global reliance on rice as a staple food, especially in low- and middle-income countries, the article's focus on industrial, policy, and implementation considerations is timely and critical. The manuscript synthesizes technical guidance from WHO consultations and research, making it a valuable reference for policymakers, nutritionists, and food technologists. It also highlights practical challenges and solutions, aiding in the development of scalable fortification strategies that can improve nutritional outcomes at population levels.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | The current title, *“Considerations for Rice (Oryzasativa) Fortification with Essential Micronutrients in Public Health Intervention,”* is informative but slightly cumbersome. A more concise and impactful alternative might be:**“Rice Fortification with Essential Micronutrients: Technical and Public Health Considerations”**This version retains the original scope but enhances clarity and readability |  |
| 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 abstract provides a solid overview of the rationale and scope of the article, highlighting rice’s relevance as a fortification vehicle and the WHO’s role. However, it could be improved by briefly mentioning specific challenges (e.g., nutrient retention or economic feasibility) and the key areas of future research. A sentence summarizing the policy and implementation implications would also strengthen it**.*****Suggested addition to the abstract:*“Key challenges including micronutrient stability, regional cooking preferences, economic feasibility, and policy integration are discussed, along with research priorities to support effective scale-up.”** |  |
| **Is the manuscript scientifically, correct? Please write here.**  | The manuscript is scientifically sound, well-structured, and based on credible sources, including WHO guidelines and peer-reviewed research. The discussion of technologies, nutrient stability, bioavailability, policy frameworks, and monitoring mechanisms reflects a comprehensive understanding of rice fortification. The review appropriately distinguishes between scientific findings and implementation considerations. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | The references are sufficient, mostly recent, and include critical WHO and academic sources up to 2016. While the coverage is strong, the inclusion of a few more recent studies (2017–2023) on large-scale rice fortification programs or updated global health statistics would enhance relevance.***Suggested additions:**** **Das JK, et al. (2019). “Micronutrient Fortification of Food and Its Impact on Women and Children.” *Nutrients.***
* **GAIN and WFP reports on rice fortification impact in recent humanitarian and development contexts.**
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| Is the language/English quality of the article suitable for scholarly communications? | The manuscript is written in generally clear English and is suitable for scholarly communication. However, there are occasional grammatical inconsistencies, such as article usage, spacing issues (e.g., “Oryzasativa” should be “Oryza sativa”), and sentence fragmentation that should be corrected for improved readability. |  |
| Optional/General comments |  Consider providing a summary table comparing fortification methods (e.g., dusting, coating, extrusion) with their pros and cons. A clearer explanation of economic sustainability across different country contexts would add practical value. The manuscript may benefit from a dedicated section or figure summarizing the key decision-making framework for policy implementation.The manuscript addresses a globally relevant public health topic with clarity and breadth, offering technical, regulatory, and programmatic insights into rice fortification. It is well-referenced, scientifically accurate, and useful for a broad audience in nutrition policy and food technology. However, improvements are needed in the abstract’s comprehensiveness, minor English language polishing, and the inclusion of more recent references. These revisions are minor and do not affect the core scientific quality or structure of the work. |  |

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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?**  |  |  |

**Reviewer details:**

**Anand Dinesh Jejal, India**