

**Review Form 3**

Journal Name:	<b>Archives of Current Research International</b>
Manuscript Number:	<b>Ms_ACRI_124959</b>
Title of the Manuscript:	<b>Zinc: A Critical and Overlooked Micronutrient for Children's Health</b>
Type of the Article	<b>Short communication</b>

## Review Form 3

### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript is significant for the scientific community as it addresses the critical issue of zinc deficiency, which affects a substantial portion of the global population, particularly children in low-income regions. By synthesizing existing literature on the role of zinc in human health, the manuscript highlights its essential functions in growth, immune response, and overall metabolism, while also detailing the dire consequences of deficiency. The authors not only provide a comprehensive review of clinical manifestations and risk factors but also propose actionable public health strategies, such as supplementation and fortification, which can directly inform policy and practice.</p> <p>I appreciate this manuscript for its thorough exploration of zinc deficiency, as it underscores a pressing public health challenge and offers tangible solutions. Its focus on vulnerable populations, particularly children, emphasizes the urgency of addressing micronutrient malnutrition and contributes to a broader understanding of global health priorities.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title of the article could be more specific to reflect the focus on zinc deficiency, its impact on children's health, and potential solutions. A suggested alternative title could be: "The Critical Role of Zinc in Child Health: Addressing Deficiency and Its Public Health Implications"</p> <p>This title emphasizes the importance of zinc, the target population (children), and the urgency of addressing deficiency as a public health issue. It also sets the stage for discussing both the implications of zinc deficiency and the solutions proposed in the manuscript.</p>	
<p>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.</p>	<p>The abstract is generally comprehensive but could benefit from a few enhancements to provide clearer context and a more rounded overview of the article's focus. Here are some suggestions:</p> <ol style="list-style-type: none"> <li>1. Mention that the review addresses not only the clinical repercussions of zinc deficiency but also its metabolic roles and absorption issues. This would provide a clearer indication of the article's breadth.</li> <li>2. Highlight the specific strategies (like supplementation, fortification, and biofortification) proposed to mitigate zinc deficiency. This addition would reinforce the proactive aspect of the review.</li> <li>3. A statement about the urgency of addressing this public health issue, especially in vulnerable populations, could add impact.</li> </ol>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The structure of the manuscript appears appropriate for a short communication, but the manuscript could benefit from clearer subsection titles within the "Review" section. For example, consider breaking it down into subheadings like "Zinc Metabolism," "Absorption and Bioavailability," "Clinical Manifestations," and "Public Health Strategies." This would guide readers through the content more effectively.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The manuscript presents a scientifically robust analysis of zinc and its deficiency, supported by a substantial body of literature. It accurately describes the essential roles of zinc in human health, detailing its functions in metabolism, immune response, and growth, which aligns with current understanding in the field. The data cited from various studies highlight the significant public health implications of zinc deficiency, particularly among vulnerable populations, such as children and low-income communities. Additionally, the proposed strategies for addressing zinc deficiency, including supplementation, fortification, and biofortification, are</p>	

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	well-grounded in evidence-based practices recommended by health organizations. Overall, the manuscript effectively synthesizes critical information and insights, making it a valuable contribution to the discourse on micronutrient deficiencies.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes.	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes.	
Optional/General comments		

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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