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## JOURNAL EDITORIAL BOARD'S REVIEW REPORT

**Name of journal:** World Journal of Methodology

**Manuscript NO:** 89196

**Title:** Update on the gut microbiome in health and diseases

**Journal Editor-in-Chief/Associate Editor/Editorial Board Member:** Waseem Qureshi

**Country/Territory:** India

**Editorial Director:** Jia-Ru Fan

**Date accepted review:** 2024-01-17 05:01

**Date reviewed:** 2024-01-17 05:07

**Review time:** 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	language polishing	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Major revision

## JOURNAL EDITORIAL BOARD COMMENTS TO AUTHORS

The manuscript titled "Update on the gut microbiome in health and diseases" by Salvadori M et al. provides a comprehensive overview of the current understanding of the gut microbiome's role in health and various diseases. The authors cover a broad range of topics, including microbiome composition, factors influencing the gut microbiome, its functions, and its association with various diseases. The manuscript is generally well-organized and informative, but several areas need attention and improvement. The abstract provides a concise summary, but it lacks information about the methodology and major findings of the review. The introduction is informative, but it lacks a clear statement of the research question or objective. The definitions section is valuable, but it might benefit from a concise table summarizing the key terms (Microbiota, Microbiome, Metagenome, Indigenous microbiota, Dysbiosis, Pathobionts) for quick reference. The manuscript lacks a clear description of the methodology used for the review. The discussion section is extensive but could benefit from a more critical analysis of the literature. Highlight conflicting evidence or limitations in current studies. The conclusion is somewhat abrupt. Provide a more detailed summary of the key

findings and potential future directions for research in this field.