

Peer Review

Review of: "Thermal and Packaging-Related Nanoparticles in Food: Formation Pathways, Migration Mechanisms, and Toxicological Considerations"

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The present manuscript is well-written and well-structured. However, the manuscript would benefit from the inclusion of relevant figures to support the discussion. For example, schematic illustrations or diagrams depicting the migration pathways of nanoparticles (NPs) from various sources (e.g., non-stick coatings, food containers, etc.) would enhance clarity and reader engagement.

Additionally, the presentation of data can be strengthened through well-structured tables. Specifically, I recommend introducing:

1. A table summarizing NP release and migration during cooking.
2. A separate table on NP migration from food packaging materials.
3. A table outlining the characterization and detection of NPs using different analytical techniques.

These additions would improve the overall readability and provide a more comprehensive overview of the topic.

Declarations

Potential competing interests: No potential competing interests to declare.