DESCRIPTION

*Trends in Food Science & Technology* is one of the premier international peer-reviewed journals publishing critical and comprehensive reviews and commentaries of current technology, food science and human nutrition. Its role is to fill the gap between the specialized primary journals and general trade magazines by focusing on the most promising new research developments and their current and potential applications to food industry in a readable, scientifically rigorous way.

Topics include novel food materials such as bioactive substances, alternative protein and novel food ingredients; advances in food engineering and manufacturing technologies including processing, preservation, packaging and digital transformation; molecular, micro- and macro-structure of foods; new developments in food security, sustainability and/or waste management; advanced technological applications including nanoscience and biotechnology; quality assurance including advanced methodology and applications of various -omics techniques; food traceability and authenticity; food safety including the risk assessment of chemical and/or biological hazards; food allergies and intolerances; food function and its relationships with food structure, food composition, nutrition and health benefits; consumer attitude, and policy/regulation.

This journal primarily publishes critical and comprehensive reviews and does not publish original research papers.

**Subjects not considered for publication:** Reviews on plant science, agronomics, plant breeding, veterinary issues or on non-food applications such as drug development, cosmetics, pharmacology, pharmacognosy, medical/health orientated papers, or bibliometric analysis as such will not be considered.

AUDIENCE

Food scientists and technologists, R & D managers, and consultants to the industry concerned with the application of science in the development of new and existing food products, their processing, storage and marketability.
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Identify and evaluate bioactive from natural sources for their potential health benefits, particular interest in plant bioactive targeting metabolic syndrome, Purification and characterisation of bioactive from various plant sources intended for cosmeceutical, nutraceutical or pharmaceutical application, Investigating the mechanism of action of natural bioactives’ modulating obesity and insulin resistance, particularly the role played by gut microbes, Studying the effects of Tocotrienol-Rich Vitamin E (Tocovid) on Diabetic resistance
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Weibiao Zhou, National University of Singapore, Department of Food Science and Technology, Singapore, Singapore
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Functional food processing, Food systems engineering, Emerging food processing technology, Oral processing and in vitro digestion, Baking
INTRODUCTION

*Trends in Food Science & Technology* is one of the premier international peer-reviewed journals publishing critical reviews and commentaries on current technology, food science and human nutrition. Its role is to fill the gap between the specialized primary journals and general trade magazines by focusing on the most promising new research developments and their current and potential food industry applications in a readable, scientifically rigorous way. Topics include new or novel raw materials including bioactive compounds, ingredients and technologies; molecular, micro- and macro-structure; new developments in food engineering; rapid techniques for online control; novel processing and packaging technologies; advanced bio technological and nanoscience developments and applications in food research; quality assurance methods and application of -omics techniques; risk assessment of both biological and non-biological hazards in food; food allergies and intolerances; food function and relationships between diet and disease; and consumer attitudes to food and risk assessment.

**Types of paper**

Ideas are welcomed for the following types of article: Reviews; Commentaries; Conference reports; Letters to the Editor.

*Reviews* focus on promising areas of food research that are advancing rapidly or in need of re-review in the light of recent progress in the underlying sciences or changing priorities within the food industry. More concise than conventional reviews, they should focus on the latest developments, their potential industrial applications and future research needs. (Must not exceed 10,000 words; seven Tables/Figures.)

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Here is an example of a structured abstract for a review article.

**Background**
**Food poisoning** related to sanitary problems is among the most widespread illnesses in the world. The non-hygienic preparation and handling of food in households accounts for a large number of **foodborne disease** outbreaks. These outbreak cases could be avoided if preventive behaviors were adopted during food preparation. Educational actions offer a preventive information strategy for reducing the cases of foodborne diseases in households.

**Scope and Approach**
In this review the importance of good practices for **food handling** in Brazilian households in order to control foodborne diseases are described. This study emphasizes the importance of foodborne disease control, starting with changing food handlers’ habits to ensure that they use best practices in their own homes. Food handlers are the consumers and employees that are most aware of the activities linked to the food production chain.

**Key Findings and Conclusions**
Educational actions, in the form of a program of good **food preparation** practices in households, are of paramount relevance. Such programs should be developed with methodologies consistent with the target audience and should take into account the causes of possible failures. Furthermore, the school place is the ideal setting for early intervention in **hygiene education**, assuming that childhood is the best time for learning. Children are more open to changes in attitude and can take these habits into households, encouraging hygienic behaviors throughout the family. Dissemination of knowledge as early as possible in the schools is a concrete form of risk communication because it builds trust and credibility.

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