

## Special Issue

# Food Processing and Ingredient Analysis

### Message from the Guest Editors

Recent investments and the launch of innovative products by prominent manufacturers have driven substantial global demand for modernized food items. Nonetheless, significant obstacles continue to limit business expansion and consumer affordability. To address these challenges, researchers are investigating alternate food sources and creating new functional components using advanced methodologies, including biotransformation, enzymatic processes, innovative processing techniques, and precise fermentation, suggesting their potential to enhance personalized health benefits, such as boosting immune function, reducing inflammation, mitigating cancer risk, and supporting gut health. This Special Issue invites high-quality submissions that emphasize new procedures and the development of functional ingredients, together with the analysis of their characteristics and bioactivities. Topics include, but are not limited to, the following:

- Innovative processes for functional ingredients and alternative foods.
- Functional ingredients analysis and bioactivity determination.
- Application of functional ingredients in food and related products.

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### Guest Editors

Dr. Suphat Phongthai

Dr. Saroat Rawdkuen

Dr. Lovedeep Kaur

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### Deadline for manuscript submissions

31 October 2025



## Processes

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