

Special Issue

Insects as Functional Food Ingredients

Message from the Guest Editors

This Special Issue will explore the transformative potential of edible insects and other arthropods beyond their well-established nutritional value. With their rich profiles being well documented, including proteins, healthy fats, bioactive peptides, vitamins, and minerals, this Special Issue will focus on their emerging role as versatile functional ingredients within food systems. We invite original research and reviews that investigate the diverse functionalities of insect-derived components, including their techno-functional and physicochemical properties, bioactive compounds (e.g., peptides, polyphenols, chitin, and carotenoids), and their applications in developing novel food products. We welcome contributions that explore extraction methods, production procedures, processing techniques, sensory attributes, consumer acceptance, and regulatory aspects related to the application of edible insects as functional ingredients, along with other related research. This Special Issue will advance our understanding of how these sustainable protein sources can contribute to the development of healthier, more functional, and more environmentally friendly food solutions.

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Message from the Editor-in-Chief

Editor-in-Chief

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