



foods



an Open Access Journal by MDPI

Innovative Research on Biopolymer Matrices in Food Engineering

Guest Editors:

Dr. Phisit Seesuriyachan

School of Agro-Industry, Chiang
Mai University, Chiang Mai,
Thailand

Dr. Juan Manuel Castagnini

Preventive Medicine and Public
Health, Food Science, Toxicology
and Forensic Medicine
Department, Faculty of
Pharmacy, Universitat de
València, 46100 Burjassot,
València, Spain

Dr. Yuthana Phimolsiripol

Faculty of Agro-Industry, Chiang
Mai University, Chiang Mai 50100,
Thailand

Deadline for manuscript
submissions:

closed (28 February 2024)

Message from the Guest Editors

Dear Colleagues,

Biopolymers are organic compounds produced from natural sources with many different physicochemical properties, molecular characteristics, and functional properties. These properties depend on the extraction, purification and processing treatments that are used to produce different functional ingredients. In a recent trend, the growing research interest towards a sustainable environment has led to replacing synthetic polymers with natural biopolymers. The versatility of biopolymers allows them to be used in a wide variety of applications as structuring agents (thickeners, gelling agents, emulsion, and foam stabilizers), as ingredients for micro- and nano-encapsulation and for health-promoting applications, and as materials for edible coatings and biodegradable packaging.

We are pleased to invite you to submit papers with the aim of gather innovative applications and recent advances on the obtention, processing, and use of biopolymers in the food industry.

This Special Issue aims to provide novel technology and innovative research using biopolymers matrices in food engineering. In this Special Issue, original research articles and reviews are welcome.



mdpi.com/si/149712

Special Issue



foods



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science,
Purdue University, West
Lafayette, IN, USA

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
USA

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [FSTA](#), [AGRIS](#), [PubAg](#), and [other databases](#).

Journal Rank: JCR - Q1 (Food Science and Technology) / CiteScore - Q1 (Health Professions (miscellaneous))

Contact Us

Foods Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/foods
foods@mdpi.com
[X@Foods_MDPI](https://twitter.com/Foods_MDPI)