

Special Issue

Innovative Research on Biopolymer Matrices in Food Engineering

Message from the Guest Editors

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.

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2024)



Foods

an Open Access Journal
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Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



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About the Journal

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.

Editor-in-Chief

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