



*foods*



an Open Access Journal by MDPI

## Advances in Natural Polymers for Food Applications: Chitosan, Starch, Alginate, Pectin and Gels

Guest Editors:

**Dr. Sara Ghorbani Gorji**

School of Agriculture and Food Sciences, The University of Queensland, Brisbane, QLD 4072, Australia

**Prof. Dr. Paulo Jose do Amaral Sobral**

Department of Food Engineering, Faculty of Animal Science and Food Engineering, University of São Paulo (USP), Pirassununga 13635-900, SP, Brazil

Deadline for manuscript submissions:

**closed (13 October 2023)**

### Message from the Guest Editors

We are pleased to invite you to submit a paper to the journal of *Foods* for a Special Issue titled “Advances in Natural Polymers for Food Applications: Chitosan, Starch, Alginate, Pectin and Gels”. Both research and review papers are welcome for possible publication.

Natural polymers in food encompass a range of polysaccharides. They have been used in a variety of applications including as gelling and thickening agents, foam, emulsions, dispersions stabilisers, ice and sugar crystal inhibitors, and in flavour release control.

In this Special Issue, will focus on the latest findings related to the application of natural polymers in food, aiming to elaborate on the advances in technology and use of natural polymers in food.

Researchers are highly encouraged to submit their research articles in areas that include, but are not limited to, application of natural polymers such as chitosan, pectin, starch, alginate and gels in food.



[mdpi.com/si/128718](https://mdpi.com/si/128718)

# Special Issue



*foods*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Arun K. Bhunia**

Department of Food Science,  
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](http://www.mdpi.com)

[mdpi.com/journal/foods](http://mdpi.com/journal/foods)  
[foods@mdpi.com](mailto:foods@mdpi.com)  
[X@Foods\\_MDPI](https://twitter.com/Foods_MDPI)