

Special Issue

Advanced Technologies for Enhancing Structure and Functions of Films and Coatings

Message from the Guest Editor

Food storage, manipulation and processing require many operations where either the processed foods coatings or their packaging are directly applied. Therefore, this prospect Special Issue aims to include studies on enhancing the functionality of the films and coatings used in the food industry by modifying their structure and composition, e.g., by embedding or encapsulating the active ingredients. The processing technologies applied in these processes are mainly gelation, flow, melting, crosslinking, heating, cooling and freezing. The final solid films and coatings of the food products will be characterized using the wide range of physicochemical, biochemical and materials engineering techniques.

Due to the complexity of the subject, our focus will be limited to studies related to plant and plant-based products, milk and milk-based products and meat (raw and processed).

Guest Editor

Prof. Dr. Ľubomír Lapčík

Department of Foodstuff Technology, Faculty of Technology, Tomas Bata University in Zlín, Nam. T.G. Masaryka 5555, 76001 Zlín, Czech Republic

Deadline for manuscript submissions

closed (30 June 2024)



Foods

an Open Access Journal
by MDPI

Impact Factor 6.0
CiteScore 10.3
Indexed in PubMed



mdpi.com/si/172372

Foods
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
foods@mdpi.com

[mdpi.com/journal/
foods](https://mdpi.com/journal/foods)





Foods

an Open Access Journal
by MDPI

Impact Factor 6.0
CiteScore 10.3
Indexed in PubMed



[mdpi.com/journal/
foods](https://mdpi.com/journal/foods)



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

Prof. Dr. Arun K. Bhunia

1. Department of Food Science, Purdue University, West Lafayette, IN 47907, USA
2. Department of Comparative Pathobiology, Purdue University, West Lafayette, IN 47907, USA

Author Benefits

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))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).