

Special Issue

Recent Advances in Developing Biological Membranes and Their Applications in Food Quality Improvement

Message from the Guest Editors

Food contamination have become a major global concern. The main significant issue that today's world is facing is food spoilage and wastage which is directly correlated to inadequate food packaging. Biological membranes have become a focal point of research recently for developing environmentally friendly solutions for food quality improvement. For instance, a biodegradable active food packaging system may contain natural anti-browning agents, nutrients, colourants, antioxidants and antimicrobial compounds, or nanomaterials that enhance the quality, safety, and shelf life of products and reduce the possibility of bacterial growth. This special issue attempts to showcase the latest methods and advances in synthesising biological membranes and their applications in food quality improvement. I cordially invite the researchers to submit their latest findings as original research papers, systematic reviews, and review articles to "Foods".

Guest Editors

Dr. Shima Jafarzadeh

School of Engineering, Edith Cowan University, Joondalup, WA 6027, Australia

Dr. Masoumeh Zargar

School of Engineering, Edith Cowan University, Joondalup, WA 6027, Australia

Deadline for manuscript submissions

closed (25 July 2023)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/132866

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 5.1
CiteScore 8.7
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 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).