

Special Issue

Advanced Research on Lipid Components in Food

Message from the Guest Editor

Lipids are amongst the most important yet complex components of foods. They influence food nutritive value, food bioactivity and bioaccessibility, and food sensory perceptions, while simultaneously being the source of a complex array of oxidation products that can negatively impact human health. In recent decades, we have assisted in the tremendous evolution of the techniques available for lipid analysis, helping to gradually change them from being restricted and to target focus on specific components to lipidomics, widening the available information while enabling deeper understanding of lipids and their functions. While gravimetric techniques and simple chromatographic methods remain applicable for classical analyses, the most recent development in tandem chromatography and nondestructive spectroscopic techniques allow us today to look into lipids with a totally different perspective, more efficiently supporting the most recent research on food lipids.

From macro- to microconstituents, from physical to chemical methods or from naturally present to degradation products, this Special Issue aims to compile some of the most innovative research in modern food lipids.

Guest Editor

Dr. Susana Casal

REQUIMTE, Laboratory of Bromatology and Hydrology, Faculty of Pharmacy, University of Porto, Porto, Portugal

Deadline for manuscript submissions

closed (30 December 2020)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/28477

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).