

Special Issue

Research on the Composition and Nutritional Quality of Oil and Its Lipid Concomitants

Message from the Guest Editor

Oils and fats are vital components of the human diet, being indispensable for the proper functioning of our bodies. As our attitudes toward the environment evolve, so does our relationship with food, particularly dietary fats. We are exploring new sources of nutrients (e.g., Novel Foods) and analyzing ways to better utilize forgotten sources (e.g., camelina oil, hemp oil). Globally, researchers are intensively studying the composition of fatty raw materials in our diet, as well as the effects of processing and storage on their physicochemical, sensory, and nutritional qualities. We are also exploring opportunities to monitor and reduce negative changes in oils and fats. Additionally, we are conducting research to improve the management of oil resources, including the utilization of by-products.

Research on these issues is being conducted at various research centers. We aim for this Special Issue to serve as a platform for exchanging ideas, presenting our research findings, and facilitating discussion. We warmly invite all researchers studying fats and oils, as well as their dietary applications, to submit their work and collaborate with us.

Guest Editor

Dr. Katarzyna Ratusz

Faculty of Food Technology, Institute of Food Sciences, Warsaw
University of Life Sciences—SGGW, Warsaw, Poland

Deadline for manuscript submissions

closed (31 March 2026)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/249152

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 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).