



foods



an Open Access Journal by MDPI

Physicochemical and Nutritional Characterization of Bran-Enriched Products

Guest Editors:

Prof. Dr. Alessandra Marti

Department of Food,
Environmental and Nutritional
Sciences (DeFENS), Università
degli Studi di Milano, via G.
Celoria 2, 20133 Milan, Italy

Dr. Catrin Tyl

University of Georgia | UGA ·
Department of Food Science and
Technology

Deadline for manuscript
submissions:
closed (25 August 2021)

Message from the Guest Editors

Epidemiological studies have linked the regular consumption of whole grains and cereal fiber to positive effects on health. To capitalize on its favorable nutritional properties, numerous studies have incorporated bran into other products. This negatively affects the structuring processes that are so crucial for achieving the desired shapes and textures of the final products. In addition, bran is typically characterized by higher lipid contents and enzymatic activity than refined flours, potentially shortening the shelf life of bran-enriched products.

This Special Issue seeks novel approaches that allow for the incorporation of bran into a wide range of products while maintaining their sensory and textural properties to the satisfaction of the end-user. Studies using whole grains, compounds isolated from bran or other byproducts from cereal or legume processing are also welcome, and ideally would provide information relevant to ingredient functionality. We invite manuscripts assessing the products' nutritional value, describing novel formulations and products, and assessing strategies to improve on functional and sensory attributes.



mdpi.com/si/52518

Special Issue



foods



an Open Access Journal by MDPI

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

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

mdpi.com/journal/foods
foods@mdpi.com
[X@Foods_MDPI](https://twitter.com/Foods_MDPI)