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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
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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.



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Special Issue



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Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science,
Purdue University, West
Lafayette, IN, USA

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
USA

Message from the Editor-in-Chief

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Foods Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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