

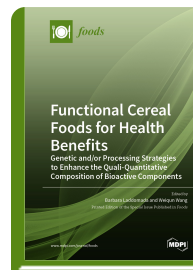
Special Issue Reprint

Functional Cereal Foods for Health Benefits: Genetic and/or Processing Strategies to Enhance the Quali-Quantitative Composition of Bioactive Components

www.mdpi.com/books/reprint/5849

Edited by
Barbara Laddomada
Weiqun Wang

ISBN 978-3-0365-4781-7 (Hardback)
ISBN 978-3-0365-4782-4 (PDF)



Cereal foods comprise a large variety of products that make up the main part of the diet of the world population. Despite decades of research to improve cereals and cereal food quality, worldwide research coordination is now required due to market needs, processing, and climate change.

Cereals and cereal foods are an important source of energy (carbohydrates, proteins, and fat), and offer a range of non-nutrient bioactive components (i.e., vitamins, minerals, dietary fiber, and phytochemicals) that provide different grades of health benefits.

The main challenges for the near future include the exploration, valorization, and improvement of genetic variation for nutrients and bioactive food components; the use and implementation of biotechnological, preprocessing, and processing strategies to improve content; and the evaluation of health properties for health claims.

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.