



foods



Special Issue Reprint

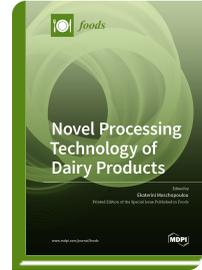
Novel Processing Technology of Dairy Products

www.mdpi.com/books/reprint/5745

Edited by
Ekaterini Moschopoulou

ISBN 978-3-0365-4583-7 (Hardback)

ISBN 978-3-0365-4584-4 (PDF)



The conversion of milk to different dairy products is a technological process that has been in use for hundreds of years. Most dairy products are produced at a commercial scale using traditional methods and therefore, many efforts have been made to introduce novel technologies in their manufacture for improving their quality in general. More specifically, modern processing approaches may be used with the aim to develop new dairy products, to extend their shelf life, to change their textural properties, to ensure their safety or to increase their nutritional and health value.

High Hydrostatic Pressure treatment, Ultrasound Processing, Pulse Electric Field treatment and Membrane Processing are some of these novel processes, which may be used in milk, yoghurt and other dairy product processing. Moreover, new dairy ingredients can be produced after enrichment with milk components, while modern analytical methods, such as nuclear magnetic resonance (NMR) and X-ray microtomography, are used for testing the main properties of dairy products.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/5745

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.