

Special Issue

Advances in Dairy Technology and Engineering

Message from the Guest Editors

This Special Issue focuses on the latest innovations and research breakthroughs that are shaping the future of the dairy industry. This issue highlights advances in emerging and gentle processing technologies for dairy products, from fresh milk to dairy-based ingredients, with an emphasis on sustainability and functionality. Key contributions explore sustainable solutions for revaluating dairy streams, improving the quality and functionality of dairy products using technology, energy, and water efficiency during dairy processing operations. This issue addresses the challenges and opportunities presented by these advancements, providing a comprehensive overview of how technology and engineering are driving the dairy industry's evolution. Furthermore, in-process analytical technologies for the processing of dairy products are prioritised to optimise production and quality. This Special Issue is an essential resource for researchers, industry professionals, and engineers dedicated to advancing dairy technology. Original works covering the latest research and new developments are encouraged, but review papers and comparative studies are also welcome.

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Deadline for manuscript submissions

closed (20 March 2025)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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