

Special Issue

Cleaning in Food Industry

Message from the Guest Editors

Cleaning and sanitisation in food industries is a critical step which affects the final quality and safety of food.

There is a growing evolution towards the use of more economical cleaning formulations and detergents with a lower environmental impact. Accordingly, there has been a progressive substitution of traditional surfactants for those that are less toxic, more biodegradable, and obtained from renewable sources. With the aim of reducing energy consumption in cleaning processes and increasing detergent efficiency, the use of enzymes in these detergents has been incorporated to a greater extent. Other environmentally friendly technologies have also been incorporated in industries, such as the use of ozone, which increases the deterative effect of cleaning processes, minimises the generation of waste, and has a disinfectant effect on surfaces. The food industry is also incorporating the use of environmentally friendly disinfectants such as compounds extracted from plants (essential oils, flavonoids, etc.) that eliminate biofilm and microbial contamination.

This Special Issue seeks papers in which aspects of cleaning in the food industry are studied.

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Deadline for manuscript submissions

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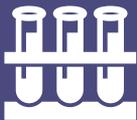
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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, 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.

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