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Advanced Research in Inactivation Technologies of Foodborne Microorganisms

Guest Editor:

Prof. Dr. Sara Spilimbergo

Department of Industrial
Engineering, University of
Padova, via Marzolo 9, 35131
Padova, Italy

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Message from the Guest Editor

During the last few decades, alternative inactivation processes have gained increasing attention from the food industries. They are alternative technologies to thermal treatments that have unquestioned limitations, such as the denaturation of thermolabile compounds and the substantial modification of nutritional and sensorial aspects, of which the modern consumer is increasingly aware. Indeed, they show great potential for the inactivation of foodborne microorganisms on a wide range of both solid and liquid food products, assuring their microbial safety without altering their fresh-like aspects and quality.

This Special Issue aims to highlight the major progress achieved in the last decade, demonstrating that innovative technologies are now mature enough to be used in the industry for the microbial stabilization of food.

The contributions could address all aspects of different alternative techniques so as to provide a significant step forward concerning the different microorganisms that can be effectively inactivated with such methods, the operating conditions of treatment and the inactivation mechanisms.



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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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Contact Us

Foods Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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