

Special Issue

Advances in Microbial Fermentation Processes

Message from the Guest Editors

In the food sector, fermentation processes have been the object of great interest in regards to enhancing the yield, the quality, and the safety of the final product. The microbial fermentation has been traditionally used to produce foods denoted by prolonged shelf life and digestibility. The benefits extended to human health by fermented foods are expressed either directly through the interactions of ingested live microorganisms with the host (probiotic effect) or indirectly as the result of the ingestion of microbial metabolites synthesized during fermentation (biogenic effect). We encourage the presentation of high-quality contributions (original research articles or review papers) providing innovations in microbial fermentative processes, including improvements of quality/safety of fermented foods and beverages, production of high added-values products, and valorization/recovery of agro-food wastes.

Keywords: Fermented foods; fermented beverages; bioactive compounds; volatile compounds; probiotics; nutrients; food safety; food processing; biotechnologies; agro-food wastes; microbial bio-productions

Guest Editors

Dr. Maria Tufariello

Institute of Sciences of Food Production (ISPA – CNR), Via Prov. Lecce-Monteroni, 73100 Lecce, Italy

Dr. Francesco Grieco

National Research Council—Institute of Sciences of Food Production (CNR-ISPA), Via Prov. Lecce-Monteroni, 73100 Lecce, Italy

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

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Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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