

Special Issue

Microbial Biocatalysis in Food

Message from the Guest Editors

After a long history of relatively uncontrolled spontaneous fermentation, fermented products are now expected to fulfill many specific sensorial, nutritional, and safety properties. This can be achieved through the specific biocatalytic properties of the microorganisms used for fermentation. This Special Issue aims to present studies highlighting the specific biocatalytic activities of microorganisms or starters in order to produce specific compounds that bring aroma or texture properties as well as nutritional or safety added value. Papers on the processes of screening and selecting starters exhibiting specific biocatalytic properties as well as descriptions of strains isolated from fermented or natural matrices are welcome. The clean label use of these specific biocatalysts in non-fermented food is also of interest.

Guest Editors

Prof. Dr. Yves Waché

Prof. Dr. Giorgia Perpetuini

Prof. Dr. Rosanna Tofalo

Deadline for manuscript submissions

closed (30 January 2025)



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

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Prof. Dr. Keith Hohn

Carl R. Ice College of Engineering, Kansas State University, Manhattan,
KS, USA

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