

Special Issue

Food Fermentation: New Advances and Applications: 2nd Edition

Message from the Guest Editors

Food fermentation is an ancient biotechnological process, but given its variety of applications, it remains current. Since its adoption, it has been used for food preservation; however, it is increasingly becoming a useful tool to improve the sensory, nutritional, and/or health properties of foods, enabling the production of functional variants. It is also employed in the production of nutraceuticals, biochemicals, food ingredients, and enzymes, and it can be considered a sustainable process as it can facilitate the valorization of agri-food waste. Optimizing the efficiency of the fermentation process and its broader usefulness—for example, regarding expected health or technological impacts—depends mostly on the selection of the strain and the food substrate to be fermented, as well as other chosen process parameters. This Special Issue aims to gather the latest knowledge on food fermentation, focusing on advanced methodologies and applications. Original works, review papers, and comparative studies are all welcome.

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