

Special Issue

Processing Foods: Process Optimization and Quality Assessment, 3rd Edition

Message from the Guest Editors

There are several new and long-standing demands in the food industry—our foodstuffs have to be delicious, attractive, nourishing, and rich in bioactive and health-promoting components and have a long shelf-life. The processes of food technology have a huge impact on these properties, and there are several situations where the producer has to choose between quality, cost, simplicity, or options available in the plant. This Special Issue focuses on the effect of different processes, such as heat treatment, separation, size reduction, mixing, chemical and enzymatic treatments, and fermentation, on the different quality attributes of foods and provides information for their optimization, considering their cost, environmental and health relations, and sustainability. New applications of informatics and unit operations that can be applied in quality assurance (e.g., sensor techniques for measurement and blockchain techniques for traceability) are also welcome.

Guest Editors

Dr. Péter Sipos

Doctoral School of Nutrition and Food Sciences, University of Debrecen, Debrecen, Hungary

Dr. Milivoj Radojčin

Department of Agricultural Engineering, Faculty of Agriculture, University of Novi Sad, 21102 Novi Sad, Serbia

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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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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

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

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