

Special Issue

Processing Foods: Process Optimization and Quality Assessment

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, 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 decision situations where the producer has to choose between the quality, costs, 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 tries to give information for their optimization, considering their cost, environmental and health relations, and sustainability. The new applications of informatics and unit operations can be applied in quality assurance, such as sensor techniques for measurement and block chain 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
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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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