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Rapid Methods for Assessing Food Safety and Quality

Guest Editors:

Dr. Maria Schirone

Department of Bioscience and Technology for Food, Agriculture and Environment, University of Teramo, Teramo, Italy

Prof. Dr. Pierina Visciano

Faculty of Bioscience and Technology for Food, Agriculture and Environment, University of Teramo, Teramo, Italy

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closed (15 December 2019)

Message from the Guest Editors

Dear Colleagues,

Food safety and quality represent major concerns worldwide—not only for the potential risk to consumer health, but also for the economic losses occurring in food industries. A complete quality system involves raw matter, environmental conditions, production process, storage, and distribution, while considering the purpose for which the end product is intended. Appropriate analytical methods combined with good hygiene practices are essential to ensure a safe food supply and/or to minimize the occurrence of foodborne outbreaks due to the consumption of food contaminated with pathogens such as bacteria, fungi, and parasites. On the other hand, the lack of measures able to detect quality deterioration, spoilage, authenticity, and adulteration, as well as the texture, rheology, and sensory properties of food can affect the food industry economy and reduce consumer confidence. The use of rapid analytical methods can benefit food companies by saving time and cost, so it is eligible to develop new reliable assays for a good and fast control of products through the entire food chain.

Prof. Maria Schirone

Prof. Pierina Visciano

Guest Editors



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Special Issue



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Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science,
Purdue University, West
Lafayette, IN, USA

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
USA

Message from the Editor-in-Chief

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Foods Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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