



Food Processing Technology Applications for Health and Safety

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Message from the Guest Editors

The concept of sustainability has become gradually and increasingly incorporated in the operation of the food industry. Particularly, novel techniques which ensure food safety with less usage of food additives or sanitizers have been the focus in recent years in order to reduce the industry's negative impacts on the environment. Hence, new food processing technologies have been developed for the aforementioned research to ensure food safety and enhance the health benefits of food products. The scope of this Special Issue includes the processing techniques which use food as raw material, utilize by-products, explore new substances, extract health ingredients, or identify the ingredients of present food items for enhancing health benefits or ensuring food safety. Additionally, novel techniques which avoid or decrease the use of chemical preservatives or sanitizers to ensure food safety or increase health functions are also included. Novel techniques such as high hydrostatic pressure, plasma, plasma-activated water, microbubbles, sonication, and pulsed light fall within the scope of this special issue, but other relevant topics are also welcome.





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