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Nanotechnology and Biophysics with Applications in Food Science

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Message from the Guest Editor

One of the main challenges for the food industry is to develop functional and safe foods with a low environmental impact. Food is a complex biological system, consisting of molecules with nutritional and/or health properties, such as proteins, peptides, lipids, carbohydrates, vitamins, fibers, and minerals. This Special Issue titled “Nanotechnology and Biophysics with Applications in Food Science” will address questions concerning the physical, chemical, and microstructural properties of food materials. The key areas of interest include the following food properties: Chemical and physico-chemical characterization; Interfacial properties: dispersions, emulsions, and foams; Rheological approaches; Encapsulation and controlled release properties; Manipulation of biochemical and biological properties of molecules via green approaches.



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Special Issue



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Message from the Editor-in-Chief

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