Special Issue

Hydrocolloids: Basics and Applications in the Food Industry

Message from the Guest Editor

Due to the capability of supermolecular objects, ranging from nanometers to micrometers, to respond sensitively to changing milieu conditions, colloids—specifically, colloidal systems—constitute a wide range of practical applications. A major field of application for colloidal systems with an aqueous continuous phase is industrial food processing, wherein such systems are used to stabilize nutritional values and imbue food products with appropriate textures and organoleptic acceptance within the framework of legal regulations at affordable costs. Practically, the challenge is the reproducible production and handling of colloidal systems: sensitive mixes of homogeneous and heterogeneous partitions where the law of masses, the crucial approach in traditional chemistry, becomes secondary. The production, synthesis, analysis, and characterization of hydrocolloidal systems, specifically those used in industrial food processing, are the topics we intend to cover in this Special Issue.
Guest editors

Guest Editor

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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