

Special Issue

Hydrocolloids: Characteristics and Applications

Message from the Guest Editor

Major fields of application for colloidal systems with an aqueous continuous phase include industrial food processing and the design of pharmaceutical compounds. Stabilization of nutritional values with an appropriate texture and organoleptic acceptance in the framework of legal regulations at affordable costs are interesting issues, as well as targeted transport mechanisms and retarded release of active compounds. Practically, the challenge is the reproducible production and handling of colloidal systems. Sensitive mixtures of homogeneous and heterogeneous partitions where the law of masses, the crucial approach in traditional chemistry, decreases to a sidekick status of dissolution, and electrokinetic mobilities become increasingly important. Additionally, flow behavior, adsorption characteristics, and response capabilities upon controlled stress on diffuse structures and objects up to the micrometer range become dominant. This Special Issue invites the submission of original research articles and comprehensive reviews focusing on hydrocolloidal systems. Topics of interest include their production and synthesis, analysis and characterization, and applications...

Guest Editor

Dr. Anton Huber

Group Polysaccharides and Hydrocolloids, Department of Physical and Theoretical Chemistry, Institute of Chemistry, University Graz, 8010 Graz, Austria

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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