

Special Issue

Physical Chemistry, Formulation and Processing, Intersection of Food Sciences, Engineering and Global Health

Message from the Guest Editors

This Special Issue explores a broad range of topics in surface chemistry and materials' physical and chemical properties, motivated by the need to understand the interactions of food ingredients during processing and with biological membranes. The goal is to share findings that are unfamiliar to those primarily in food systems.

Key achievements extend into studies on microstructure transformations and the ability to manipulate behaviors such as powder wetting, reconstitution, caking, flow, dissolution, digestibility, and bioavailability. **Keywords:**

- surface chemistry
- water isotherms
- hysteresis
- powder caking
- powder flow
- particle interactions
- particle morphology
- formulation
- regulatory considerations
- awareness diversity equity inclusion (DEI)

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Deadline for manuscript submissions

20 September 2026



Applied Sciences

an Open Access Journal
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Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/213869

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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.

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