

Special Issue

Surfactants, Colloids, and Soft Nanomaterials

Message from the Guest Editors

Based on their intrinsic properties such as an outstanding interfacial activity, particular superficial features, and self-assembly ability, surfactants and soft nanomaterials play important roles in different scientific fields, from biology to nanotechnology and engineering. This Special Issue will be focused on the development, characterization, and potential applications of surfactants in the above-mentioned fields. An example is the biological responses induced upon surfactants' interactions with cell membranes or proteins. Studies on the characterization of surfactant-based assemblies, such as micelles, microemulsions, vesicles, and lyotropic phases, and their prospective applications in the pharmaceutical, agriculture, food, cosmetics, and petroleum industries are also of interest. Finally, other soft nanomaterials such as amphiphilic polymers, liquid crystals, and organic micro/nanoparticles and their potential applications in various fields will be welcome. Therefore, the aim of this Special Issue is to collect state-of-the-art research on the design and characterization of novel soft nanomaterials and their intended applications in different areas.

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