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Applications of Micellar Solutions

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is related to the micelles and its complex composites for various kinds of applications.

Solutions of surfactant micelles are a hot topic in modern research in molecular physics, physical chemistry, biophysics, medicine, and some other academic disciplines. Considerable attention to the systems with self-organization and recognition phenomena is associated, first of all, with unique properties of nano-sized micelles and their complexes in bulk and at interface. Micelles can vary size, shape, and charge depending to the molecular composition of solution and external parameters. Systems with micelles find wide application in various industrial sectors, such as pharmaceuticals, cosmetics, oil production, and food technology.

Researchers working in the field connected to micelles are cordially invited to contribute original research papers (experiments, theoretical calculations, and modelling) or reviews to this Special Issue of *Molecules*, which report on the design, synthesis, structure characterization, and evaluation of novel materials with surfactants for various applications.

Dr. Vasyl M. Haramus
Dr. Viktor Petrenko
Guest Editors



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Special Issue



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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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