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Chemical Reactivity in Microheterogeneous Media

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Deadline for manuscript submissions:
closed (30 September 2022)

Message from the Guest Editors

If something has happened in the last decades it is a true revolution in the science of colloids and especially those that can be used to reproduce "in vitro" certain biological aspects, such as chemical reactions that can take place at the cellular level, the movements of substances through membranes or the behavior of finished molecules in restricted media.

On the other hand, these colloidal aggregates have a great capacity to solubilize compounds and have hydrophobic and hydrophilic properties depending on the loci of the compounds in these microheterogeneous systems, thus constituting an interesting alternative to phase transfer catalysts. They also constitute a chemical nanoreactor of a scalable size that is ideal for its use in the synthesis of new nanomaterials.

In this special issue of Compounds, we intend to compile original scientific contributions or bibliographic reviews that deal precisely with reactivity (both organic and inorganic) in these microheterogeneous media, as well as different catalytic processes that take place when chemical reactions are carried out using them as means of reaction.

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Editor-in-Chief

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Message from the Editor-in-Chief

As a new international and multidisciplinary peer-reviewed open access journal for multidisciplinary chemistry focused on chemical compounds, Compounds (ISSN 2673-6918) has been founded to publish reviews, original research papers, communications, case reports, letters, and short notes.

Our goal is for Compounds to become a journal where the scientific community can present their results under open access. Our core objective is to provide high-quality research contributions in a wide range of chemistry areas. Manuscripts dealing with chemical compounds; the relationship between structure, properties, and/or functions of all kinds of compounds; as well as chemical theory and applications are welcome.

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