

Special Issue

Functionalized Cyclodextrins

Message from the Guest Editor

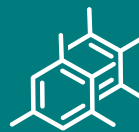
Cyclodextrins are known in particular for their ability to form inclusion complexes with various molecules, and this feature forms the basis of their application in the chromatography, catalysis, pharmacy, cosmetics, agro-food, and textile industries. The chemical modification of cyclodextrins has increased interest in these molecules and provides an attractive approach for building multifunctional systems. Many functionalized cyclodextrins have been synthesized with the aim of tuning the features of the cavity and to add new unique properties to the saccharide unit. A variety of moieties, such as drugs, peptides, metal chelators, macrocycles, and others, have been linked to cyclodextrins with applications in supramolecular, pharmaceutical, and material chemistry, biomimicry and separation sciences. This Special Issue welcomes submissions of research communications, papers, and reviews with the aim of describing the multiple aspects and applications of functionalized cyclodextrins and cyclodextrin-based nanosystems.

Guest Editor

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Deadline for manuscript submissions

closed (20 June 2020)



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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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