Special Issue

Synthesis and Applications of Molecularly Imprinted Polymers

Message from the Guest Editors

Molecular imprinting is the process by which specific binding sites can be created within a polymeric material by performing the polymerization in the presence of an ionic, molecular, or macromolecular template. Success depends on selection of appropriate monomers that interact with the template to create the complementary binding site and upon the nature of the polymer synthesis. Removal of the template allows the molecularly imprinted polymer (MIP) to rebind the intended target species. The present Special Issue, "Synthesis and Applications of Molecularly Imprinted Polymers" aims to assemble a diverse collection of articles describing aspects of MIP synthesis and application. In particular, we welcome contributions concerning the synthesis of MIPs for specific applications, the synthesis of new monomers, novel template approaches and methods of MIP design and synthesis. Both research articles and reviews will be considered. Dr. Michael J. Whitcombe

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Deadline for manuscript submissions

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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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