



Advance in Molecularly Imprinted Polymers

Guest Editor:

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Message from the Guest Editor

Molecularly imprinted polymers (MIPs) are undoubtedly an exciting class for polymers, as they possess antibody-like affinity toward particular molecules. Their very high selectivity is the fact that MIPs possess cavities that are complementary to the template molecules by size, shape, and presence of particular functional groups. The advantage of MIPs over natural antibodies is their high thermal and chemical stability, excellent reusability, and easy, low-cost synthesis. As a result, MIPs have been widely used as artificial receptors for separation purposes, as sensors, to promote catalysis, during drug development, and for screening. MIPs can be produced for various target molecules, which contrasts with the biological receptors where the target must match an available antibody.

This Special Issue invites original papers and reviews reporting on recent progress in MIPs chemistry, which, among others.





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Message from the Editor-in-Chief

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