

Call for papers on special issue “Recent developments of molecularly imprinted materials”

Guest Editor

Elias Bou-Maroun^{1,*} 

¹ AgroSup Dijon, Univ. Bourgogne Franche-Comté, PAM UMR A 02.102, Procédés Alimentaires et Microbiologiques, F-21000 Dijon, France

* Correspondence: elias.bou-maroun@agrosupdijon.fr; Scopus ID: [14064444900](https://orcid.org/14064444900)



Aim & Scope: Molecularly imprinted materials are a family of highly specific synthetic materials. Their specificity is comparable to that found in nature (enzyme/substrate, antibody/antigen interactions). Their high specificity is at the origin of their use as preconcentration phase in Solid Phase Extraction (SPE), Solid Phase Microextraction (SPME) and Stir Bar Sorptive Extraction (SBSE,) as stationary phase in chromatography and electro-chromatography, as recognition element or sensitive materials in sensors, as drug delivery system or as enzyme mimics. This special issue deals with the above applications of molecular imprinting. Molecularly imprinted materials could be synthesized using sol-gel chemistry or using acrylate bases monomers and radical polymerization.

We kindly invite you to submit a manuscript(s) for this Special Issue. Full papers, communications, and reviews are all welcome.

Keywords: Molecularly Imprinted Materials; solid phase extraction; solid phase microextraction; stir bar sorptive extraction; chromatography; electro-chromatography; fluorescence; optic fiber; electrochemistry; drug delivery; chromatography; food; pharmacy; biology; environment

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Subtopic

- 1 Preconcentration
- 2 Sensor development
- 3 Drug delivery
- 4 Enzyme mimics
- 5 Analytical methods

Deadline for manuscript submissions: 31 August 2020

To submit your manuscript click [here](#). To read author guidelines click [here](#).