Special Issue

Recent Advances in Microextraction Technology for Analytical Sample Preparation

Message from the Guest Editors

"Microextraction is defined as an extraction technique where the volume of the extracting phase is very small in relation to the volume of the sample, and extraction of analytes is not exhaustive": this definition was coined by Lord and Pawliszyn in 2000. Twenty years later, this definition is still valid, and extraction techniques play a fundamental role in the development of an analytical method. Today, extraction procedures range from classic procedures involving liquid-liquid extraction to new methodologies involving molecularly imprinted polymers. This Special Issue aims to showcase the state of the art of classic microextractions and give an overview of new advances in microextraction technology. Contributions ranging from theory to instrumentation and applications in different fields (e.g., food, environment, forensic, pharmaceutical, clinic) are welcome.

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