

## Special Issue

# Applications of Chromatographic Techniques Interfaced to Advanced Detectors

### Message from the Guest Editor

Chromatographic techniques are very powerful tools in many scientific areas due to their applicability to compounds with very different physicochemical properties and the possibility of coupling them with several detectors. In addition to the classical detectors employed in routine protocols, hyphenated analytical techniques, such as gas chromatography or liquid chromatography interfaced with low resolution mass spectrometry using a single quadrupole, as well ion trap or triple quadrupole analyzers, are well established and widely used in many applicative fields. Nevertheless, the evolution of these techniques, such as GC or LC coupled with high resolution mass spectrometry (especially with time of flight and orbitrap mass analyzers), has tremendously extended the potential of these instruments, giving rise to the possibility of the unambiguous identification and structural elucidation of unknown compounds through accurate-mass full-spectrum data acquisition. The aim of this Special Issue is to collect original research papers and review articles focused on recent advances in the application of chromatographic techniques interfaced with advanced detectors.

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### Guest Editor

Prof. Dr. Antonio Tagarelli

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### Deadline for manuscript submissions

closed (31 October 2022)



## Separations

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### Editor-in-Chief

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