Special Issue

Development of Separative Techniques for the Detection of Natural Toxins

Message from the Guest Editors

Separative techniques play a key role in the analysis of natural toxins and their metabolites, due to the complexity of the investigated matrices and the low amounts to detect. The separation of components is often performed prior to the instrumental detection. To date, the most used separative techniques are gas chromatography (GC), liquid chromatography (LC) and capillary electrophoresis (CE). Liquid chromatography combined to mass spectrometry (LC-MS) is the most used tool for the identification and quantification of these analytes, being the technique of choice when a multi-analyte determination is required. Recently, the use of high-resolution mass spectrometry (HRMS) has allowed the identification of novel toxins and advances in metabolomics studies.

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Toxinology is an incredibly diverse area of study, ranging from field surveys of environmental toxins to the study of toxin action at the molecular level. The editorial board and staff of *Toxins* are dedicated to providing a timely, peer-reviewed outlet for exciting, innovative primary research articles and concise, informative reviews from investigators in the myriad of disciplines contributing to our knowledge on toxins. We are committed to meeting the needs of the toxin research community by offering useful and timely reviews of all manuscripts submitted. Please consider *Toxins* when submitting your work for publication.

Editor-in-Chief

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