



*toxins*



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## Development of Separative Techniques for the Detection of Natural Toxins

Guest Editors:

**Dr. Vincenzo Lippolis**

Institute of Sciences of Food  
Production, National Research  
Council of Italy (CNR), 70126 Bari,  
Italy

**Dr. Michelangelo Pascale**

National Research Council of  
Italy, Institute of Sciences of  
Food Production (CNR-ISPA),  
70126 Bari, Italy

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### 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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### **Prof. Dr. Jay Fox**

Department of Microbiology,  
University of Virginia,  
Charlottesville, VA, USA

## Message from the Editor-in-Chief

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*Toxins* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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