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Application of Chromatography-Based Technologies in Food Analysis

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Message from the Guest Editors

Food contaminants typically include environmental contaminants, food processing contaminants, adulterants and non-approved food additives, and migrants from packaging materials.

Due to the potential presence of a huge range of high-risk substances in food, there is a need to develop new analytical methods that allow rapid and efficient sample preparation together with the reliable determination of the compounds of interest. In this sense, both liquid and gas chromatography have played a significant role in the development of analytical methods for food analysis, thanks to their separative abilities and tremendous versatility. This Special Issue welcomes original research and reviews of literature on modern LC- and GC-based solutions for monitoring veterinary drugs and contaminants in food, including the determination of permitted and banned chemicals but also other borderline compounds such as food additives, plasticizers, or heavy metals. Contributions must reflect the state-of-the-art on the topic, and analytical methods must be properly validated according to official guidelines.



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Special Issue



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Message from the Editor-in-Chief

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