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Last Trends in Food Contact Materials Safety Evaluation: New Advances in Chemical Food Analysis

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Message from the Guest Editors

One of the major concerns associated with the safety of food contact materials is the migration of harmful substances to the food, since they can cause adverse effects on the consumers' health through dietary exposure. The potential migrants can be well-defined and known substances, but also complex mixtures or even unknown substances. Moreover, some of them can be non-intentionally added substances (NIAS) that comprise substances that have not been added for a technical reason during the manufacture of the material and include impurities, degradation products, reaction products, etc. Recently, the identification of NIAS has attracted the interest of scientists, and new analytical strategies that involve the use of advanced techniques are being applied to address this issue.

On the other hand, in past years, the development of novel materials including nanomaterials for food contact has grown for many applications, while guaranteeing the safety of these new systems introduces new challenges.

The objective of this Special Issue is to compile the latest research on the safety evaluation of food contact materials; original contributions and review articles are welcome.



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Special Issue



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Message from the Editor-in-Chief

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