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Recent Developments in Identification of Genuine Odor- and Taste-Active Compounds in Foods

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Message from the Guest Editors

Both aroma and taste are important quality criteria for food products, and they have a great influence on our consumption behaviour. Therefore, the accurate quantification, and the study of the level of the compounds related to flavor in the food industry is a growing need nowadays. In recent years, a significant increase in the number of research related to the identification of the characteristic odor- and taste-active compounds of particular foods has been observed, thanks to the development of highly-sensitive and selective analytical methods. In spite of this, as the concentration of the compounds responsible for food odor and taste is usually low, previous highly efficient preconcentration approaches are still necessary for their determination by instrumental techniques, such as gas or liquid chromatography, and/or sensory approaches by selected tasters.

This Special Issue will be focused on the recent analytical developments for the identification of all of the compounds responsible for odor and taste in foods.



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Special Issue



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Message from the Editor-in-Chief

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