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Volatiles in Foods - Impact on Consumer Acceptance

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Message from the Guest Editors

Volatile organic compounds (VOCs) play a crucial role in the development of food aroma, which is the primary attribute for consumers' acceptability. Scientific evidence suggests that odor is the main parameter that defines the quality of foods, since it acts as a signal of the presence of edible or inedible food even before the consumer sees the food. Different VOC patterns are obtained depending on cultivars, geographical origin, and different pre- and postharvest treatments or storage conditions, contributing to the discrimination of foodstuff in different sensory qualities.

In this context, this Special Issue invites you to send novel contributions concerning any aspect related to the monitoring of the VOC profile with the aim of contributing to identifying possible signature metabolites (biomarkers) or patterns able to guarantee desirable aromatic characteristics to consumers, to meet expectations in a specifically targeted consumer market and ensuring the highest possible quality.



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Special Issue



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Message from the Editor-in-Chief

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