Advancement of Mass Spectrometry Imaging for Food Science

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Message from the Guest Editor

Mass spectrometry plays an important role in food science. High-performance liquid chromatography–mass spectrometry (HPLC–MS) and gas chromatography–mass spectrometry (GC–MS) have enabled the quantification and identification of chemical components in analyses of molecules of interest in our bodies, processed foods, or agricultural, forestry, and marine products. These techniques provide us with important information to understand the function of molecules of interest. However, distributional data cannot be obtained by these techniques. Mass spectrometry imaging (MSI) is an ideal complementary technique to visualize the distribution of molecules of interest in subjects of analysis. The versatility of MSI is opening new frontiers in food science and related fields; however, the methodology or applications of MSI in food science are not fully established. I hope to introduce various studies of MSI in food science and related fields in this Special Issue.

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Special Issue

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Message from the Editor-in-Chief

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