

Special Issue

Recent Applications of Plant Extracts in the Food Industry: 2nd Edition

Message from the Guest Editor

In recent years, plant extracts have emerged as valuable ingredients in the food industry, offering a range of benefits and addressing several consumer demands. Their natural origin and potential health-promoting properties align with the growing consumer preferences for natural and functional foods. One of the primary applications of plant extracts is as antimicrobial agents, since they possess natural antibacterial and antifungal properties, effectively inhibiting the growth of microorganisms that cause spoilage and foodborne illnesses. Plant extracts can also be used as flavor enhancers, given that natural plant extracts, such as vanilla, citrus, and mint, impart distinct flavors to various food products, adding complexity to their taste profiles. Plant extracts also play a significant role in coloring food products, as their natural pigments offer a wide range of colors, from vibrant reds and oranges to earthy browns and greens. Therefore, food manufacturers are incorporating these extracts into products to promote their nutritional value and appeal to health-conscious consumers.

Guest Editor

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