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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Cover; Title Page; Copyright; Contents; Contributors; Preface; Chapter 1 The flavor of citrus fruit; Introduction; Taste components of citrus fruit; Sugars; Acids; Bitter compounds; Aroma compounds of citrus fruit; Terpene hydrocarbons; Aldehydes; Alcohols; Esters; Ketones; Other volatiles; Citrus genes involved in flavor production; The unique flavor of different citrus species; The flavor of oranges; The flavor of mandarins; The flavor of grapefruit; The flavor of lemons; Accumulation of off-flavors in fresh citrus fruit during postharvest storage; Flavor of citrus essential oils AcknowledgmentsReferences; Chapter 2 Aroma as a factor in the breeding process of fresh herbs-the case of basil; The importance of selecting for aroma in breeding of aromatic plants; The importance of genetic factors regarding the essential oil composition in aromatic plants; Sweet basil and the Ocimum genus; Uses of sweet basil; The chemistry of the aroma factors of plants: the essential oil; Essential oil profiles of common commercial basil varieties; Comparison of chemical analysis methods; Variation of the volatile compound composition within the plant

Variation of aroma compounds within cultivars and the potential for selection
Biosynthetic pathways of basil aroma components; Inheritance of aroma compounds in basil; Interspecific hybridization among *Ocimum* species; Applications of biotechnology-based approaches to modification of basil aroma; References; Chapter 3 Novel yeast strains as tools for adjusting the flavor of fermented beverages to market specifications; Introduction; Wine; Beer; Sake; Wine, beer, and sake yeasts; Wine yeasts; Beer yeasts; Sake yeasts; Acids; Non-volatile acids; Volatile acids; Alcohols; Ethanol; Glycerol
Higher alcohols; Esters; Carbonyl compounds; Acetaldehyde; Diacetyl; Volatile phenols; Sulfur compounds; Sulfides; Mercaptans; Thiols; Monoterpenoids; Conclusion; References; Chapter 4 Biotechnology of flavor formation in fermented dairy products; Introduction; Biochemistry of dairy fermentations; Biotechnology and flavor; Flavor production from bacteria; Comparative genomics of flavor production; Expression and metabolite analysis; Predictive bioinformatics; Non-culturable lactococci; Translation of omics to biotechnology; Conclusion; References
Chapter 5 Biotechnological production of vanillin; Introduction; Biosynthesis of vanillin; Natural occurrence of vanillin; Site of vanillin production in vanilla beans; Vanillin biosynthetic pathway in *Vanilla planifolia*; Production of vanillin by biotechnology; Introduction; Use of microorganisms; Use of plant tissue culture; Use of enzymes; Use of physical and mild chemistry methods; Synthetic vanillin; Vanillin from vanilla beans; Regulations; Conclusions and future outlook; References; Chapter 6 Plant cell culture as a source of valuable chemicals; Introduction
Establishment of callus culture

2. Record Nr.	UNIORUON00435292
Autore	Buck, Pearl Sydenstricker
Titolo	Pavillon de femmes / Pearl Buck ; traduction de Germaine Delamain
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