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Chapter 8. Molecular transformation, gene cloning, and gene expression systems for filamentous fungiChapter 9. Aspergillus nidulans as a model organism for the study of the expression of genes encoding enzymes of relevance in the food industry; Chapter 10. Detection of food-borne toxigenic molds using molecular probes: Chapter 11. Strain improvement in filamentous fungi- an overview: Chapter 12. Fungal solid state fermentation- an overview; Chapter 13. Role of fungal enzymes in food processing; Chapter 14. Production of

organic acids and metabolites of fungi for food industry Index of AuthorsKeyword Index

Sommario/riassunto

Presenting a stimulating synthesis of rapidly growing research interests and publications by scholars in the field of applied mycology and biotechnology. The surge of research and development activity in applied mycology and fungal biotechnology relates to the need and utility of fungi in many contexts. These contexts are wide in scope, and include agriculture, animal and plant health, biotransformation of organic or inorganic matter, food safety, composition of nutrients and micronutrients, and human and animal infectious disease. Containing a balanced treatment of principles, b