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Chapter 17 - Statins: Fermentation Products for Cholesterol Control in HumansChapter 18 - Molecular Aspects of Fungal Bioactive Polyketides; Chapter 19 - Marine Microalgal Metabolites: A Promising Source of Pharmaceuticals; Chapter 20 - Rosmarinic Acid: Biological, Pharmacological, and In Vitro Plant Cell Culture Approximation; Chapter 21 - Enhancement of Natural Antioxidants in Plants by Biosynthetic Pathway Modulation; Chapter 22 - Plant as Biofactories of Pharmaceuticals and Nutraceuticals; Back Cover

Sommario/riassunto

Natural products play crucial roles in modern drug development, and constitute a prolific source of novel lead compounds or pharmacophores for ongoing drug discovery programs. Chemistry and Pharmacology of Naturally Occurring Bioactive Compounds presents cutting-edge research in the chemistry of bioactive natural products and demonstrates how natural product research continues to make significant contributions in the discovery and development of new medicinal entities. In 21 chapters, this book highlights chemistry and pharmaceutical potential of natural products