



Natural Products in the New Millennium: Prospects and Industrial Application

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Book Condition: New. Publisher/Verlag: Springer Netherlands | This book deals with a variety of aspects of natural product research. It includes review articles and revised original contributions involving analysis, isolation and structure elucidation, synthesis and bioactivity of terrestrial and marine natural products. Plant cell biotechnology for the production of secondary metabolites is discussed. This volume provides also outstanding information about the industrial application of natural products for medicinal purposes. The broad interdisciplinary approach found in this book, which comprises 50 papers, makes it interesting to the scientists, whose work is in any way related to the research or use of natural products. | Dedication. Preface by the Editors. Acknowledgements. Contributors. 1: Terrestrial Natural Products: Isolation, Structure Characterization, Analytical Methods, Chemodifferentiation. Pyrrolizidine Alkaloids: Their Chemistry, Occurrence and Significance as Natural Compounds; T. Mroczek, K. Glowinski. Chemical Composition of *Artemisia campestris* and *Hibiscus cannabinus*; A.M.S. Silva, et al. Novel Coumarin Sulfates from *Pelargonium sidoides*: Isolation, Structure and Synthetic Approach; H. Kolodziej, et al. Study of the Methanol Extract of *Euphorbia segetalis*; A.M. Madureira, et al. A Short Side Chain Cycloartane and other Triterpenes from *Euphorbia tuckeyana*; F.C. Pinto, et al. 2: Bioactivity of Natural Products. Ethnobotany. The Chemistry and Allelopathic Effects of...



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