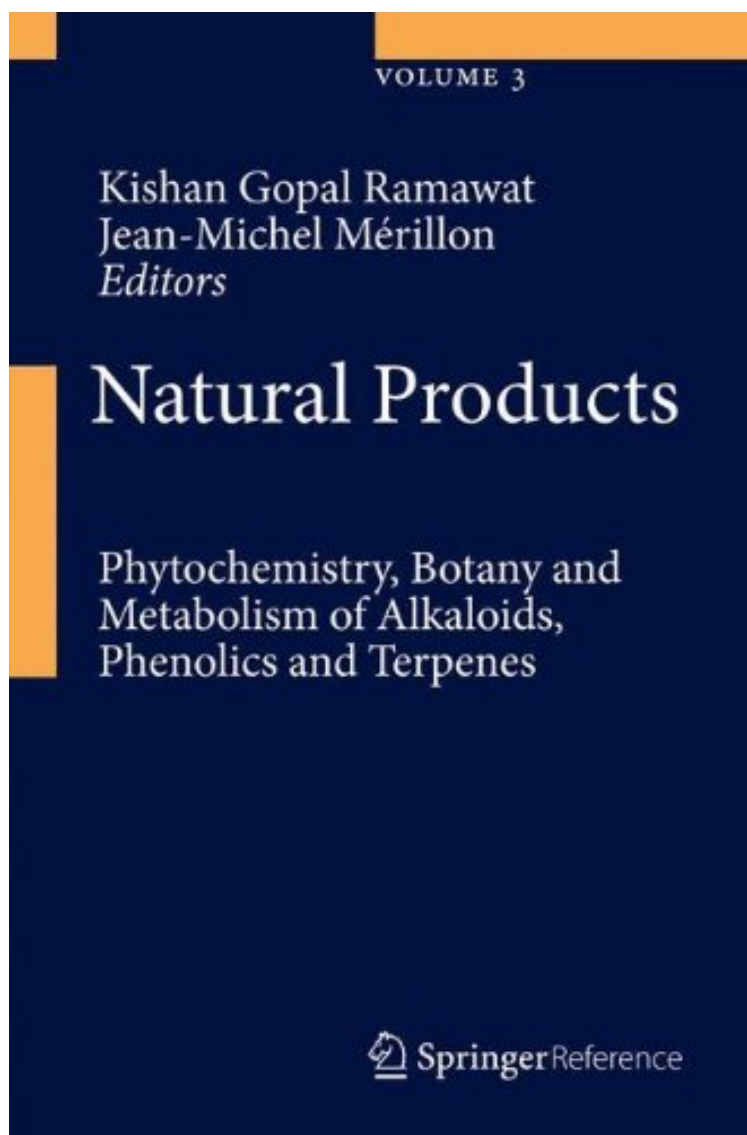


(Read free ebook) Natural Products: Phytochemistry, Botany and Metabolism of Alkaloids, Phenolics and Terpenes

## Natural Products: Phytochemistry, Botany and Metabolism of Alkaloids, Phenolics and Terpenes

*From Springer*

*ebooks | Download PDF | \*ePub | DOC | audiobook*



#19413107 in Books 2013-06-18Original language:EnglishPDF # 5 9.30 x .0 x 6.10l, .0 #File Name:  
36422214594242 pages | File size: 47.Mb

**From Springer : Natural Products: Phytochemistry, Botany and Metabolism of Alkaloids, Phenolics and Terpenes** before purchasing it in order to gage whether or not it would be worth my time, and all praised Natural

Products: Phytochemistry, Botany and Metabolism of Alkaloids, Phenolics and Terpenes:

This reference work provides a wealth of information regarding medicinal plants and phytochemicals. It is addressed both to researchers and teachers. The handbook describes phytochemicals, which, by the strictest definition, are chemicals that are produced by plants. During the last decades, more and more groups became actively involved in exploring plants for useful metabolites that lead to the identification of several useful curative agents and many promising molecules to fight and/or prevent diseases, including carcinogenesis and stroke. But when we talk about phytochemicals, there are also medicinal plants where not a single molecule is responsible for the observed properties. This reference work therefore reviews and compiles the information on both these aspects. The volumes contain contributions on phytochemicals and herbal extracts. A large number of natural products obtained from plants and microorganisms is used in cosmetic, drug, flavor and fragrance industries. For this compilation, a range of the most important medicinal herbs and phytochemicals were selected and are described by the recognized authors in the field. The present reference work encompasses the information about well established phytochemicals, biology and biotechnology of medicinal plants or their products, their biosynthesis, novel production strategies, demand and uses, metabolism and bioavailability. There is a surge of information published in recent years on herbal medicine and their pharmacologic effects with single books available on varied subjects. However, all this information is widespread and difficult to overview. Researchers who wish to keep a pace with the rapidly developing field of natural products can now consult this newly compiled handbook to find all information about bioactive molecules and medicinal plants thoroughly compiled in one place!

From the Back Cover The proposed volumes are intended to provide all the information regarding medicinal plants and phytochemicals at one place to researchers and teachers. Phytochemicals, by the strictest definition, are chemicals that are produced by plants. During the last two decades, many groups are actively involved in exploring the plants for useful metabolites that leads to identification of several useful curative agents and many promising molecules to fight/ prevent diseases, including carcinogenesis and stroke. When we talk about phytochemicals, there are also medicinal plants where not a single molecule is responsible for the observed properties. The volumes will contain contributions on phytochemicals and herbal extracts. A large number of natural products obtained from plants and microorganisms are used in cosmetic, drug, flavor and fragrance industries. Medicinal herbs and phytochemicals are selected on the basis of importance of the compounds. Authors are selected by the contributions scientists made in the field. The present reference work will encompass the information about well established phytochemicals, biology and biotechnology of medicinal plants or their products, their biosynthesis, novel production strategies, demand and uses, metabolism and bioavailability. While there is a surge of information published in recent years on herbal medicine and their pharmacologic effects and books are available on each subject, researches who wish to keep a pace with the rapidly developing field of natural products can consult this newly compiled handbook. All information about bioactive molecules and medicinal plants is available at one place. About the Author Professor (Dr.) K.G. Ramawat  
Coordinator: UGC-DRS programme Botany Department M.L. Sukhadia University Udaipur 313001 India E-mail: kg\_ramawat@yahoo.com Professor Jean-Michel Merillon University of Bordeaux 2 Institute des sciences de la Vigne and vin 210, Chemin de Leysotte Villanave dOrnon France E-mail: jean-michel.merillon@u-bordeaux2.fr