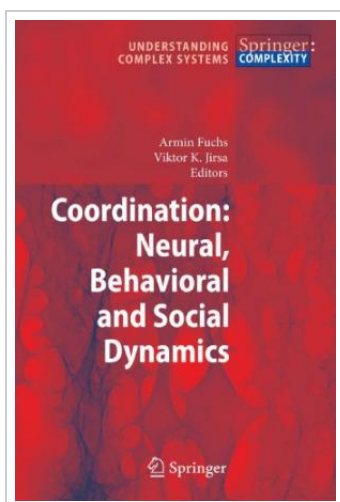




Bioactive Heterocycles VI: Flavonoids and Anthocyanins in Plants, and Latest Bioactive Heterocycles I (Paperback)

By -

Springer-Verlag Berlin and Heidelberg GmbH Co. KG, Germany, 2010. Paperback. Condition: New. Language: English . Brand New Book. As part of the series Topics in Heterocyclic Chemistry, this volume titled Bio- tive Heterocycles II presents comprehensive and up-to-date reviews on selected topics concerning?

avonoids and anthocyanins in plants, and heterocycles such as bioactive phenothiazines, phenoxazines, and related compounds. The v- ume is separated into two sections mainly concentrating on these two topics. There are abundant and diverse ?avonoids with carbohydrates and lipids, alkaloids (betalain alkaloids and other alkaloids), phenols (chromones, c- marins, lignans, quinines, and other phenolics), terpenoids (monoterpenoids, sesquiterpene lactones, triperpenoid saponins, carotenoids, and other t- penoids), and minerals as micronutritional phytochemicals in fruits and v- etables of our daily diets. Among these phytochemicals, the ?avonoids have speci?c functionality in relation to age-related diseases such as hypertension, diabetes, cardiac infarction, cataracts, and cancer. The authors of each chapter in the ?rst section have presented their evidence in relation to the mechanism of the preventative and therapeutic ability of the compounds. The ?rst chapter, Functionality of Anthocyanins as Alternative Medicine by Noboru Motohashi and Hiroshi Sakagami, presents their antioxidant mechanism for anthocyanidins, which are present in common foods. It is possible that anthocyanins may have been used both preventatively and clinically as part of many folklore medicines worldwide and may have provided heal- care bene?

tssince the appearance of mankind some 7.5 million years ago. The review will inform the reader as to their functionality and mechanism. The second chapter, Bioactive Mechanism of Interaction between Ant- cyanins and Macromolecules Like DNA and Proteins by Seetharamappa J- dappagari, Noboru Motohashi, Mamatha P. Gangeenahalli, and James H....



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Reviews

This book is definitely not easy to get going on reading but extremely entertaining to learn. It is actually filled with knowledge and wisdom I am very easily will get a delight of reading a composed ebook.

-- **Krystina Breitenberg**

I actually started out reading this article ebook. This is for those who statte that there had not been a worth reading. Its been developed in an extremely easy way and it is just after i finished reading this book in which in fact modified me, change the way i really believe.

-- **Antonetta Ritchie IV**