

Botanical Miracles

Chemistry of Plants That Changed the World

"Botanical Miracles: Chemistry of Plants That Changed the World...beautifully makes the case for how natural products have impacted on our lives, culture and development. Drs. Cooper and Deakin have put together a fine and highly readable text, and it is with great confidence that this lovely book can be recommended to those who wish to further appreciate the magnificent contributions of plants and natural products to our world, health, security and comfort."

—Prof. Simon Gibbons, from the Foreword

As the shortcomings of purely synthetic approaches to biochemical discovery and development are becoming more apparent, a renaissance of interest in the chemistry of natural products as sources for new compounds is occurring. A unique approach to natural products chemistry, ***Botanical Miracles: Chemistry of Plants That Changed the World*** relates applications of plant extracts to the historical progress of civilization. It focuses on selected plants from around the world, connecting their stories and properties to the development of modern marvels such as medicinal compounds, nutrition products, beverages, perfumes and organic pigments. Each chapter describes a particular group of plant extracts from various perspectives, including their chemistry, interest and value to man and historical background. The ends of the chapters pose challenging questions.

Introducing plants that are emerging into more prominent roles in human life and addressing current challenges, ***Botanical Miracles*** presents a fascinating point of entry to the chemistry of important natural products. It examines plants and their extracts through the key functional groups, building blocks and concepts of organic chemistry. This book provides, in a single source, information and learning opportunities of value to a wide range of individuals involved in the fields of chemistry, medicine, nutrition or cosmetics whether they be students, educators, researchers or those who simply wish to extend their horizons.

K24710



CRC Press
Taylor & Francis Group
an informa business

www.crcpress.com

6000 Broken Sound Parkway, NW
Suite 300, Boca Raton, FL 33487
711 Third Avenue
New York, NY 10017
2 Park Square, Milton Park
Abingdon, Oxon OX14 4RN, UK

ISBN: 978-1-4987-0428-1



www.crcpress.com