Cannabinoids in Nature and Medicine

Description: The history and chemistry of one of mankind's oldest drugs in one comprehensive volume!

The first part of this volume focuses on the plant Cannabis sativa, its active ingredients, and the discovery of cannabinoid receptors, as well as the therapeutic applications of activating, or blocking, the receptors. Following an overview of the plant, its medicinal uses, and its preparations, further chapters cover biosynthetic pathways, pharmacological properties, cannabis-based medicine, toxicology, cannabis prohibition, and clinical situations where blocking the cannabinoid receptors might be beneficial. The second part covers the journey from humans to plants, analyzing anandamide, as well as other endocannabinoids and endocannabinoid congeners, biosynthetic pathways, current knowledge of FAAH-1, FAAH-2, monoglyceride lipase, and NAAA, concluding with new areas of research.

Contents:


Part 1 The Phytocannabinoids: The Long Journey from the Plant to the Humans.


Phytocannabinoids in Cannabis sativa: Recent Studies of Biosynthetic Enzymes (F. Taura, S. Sirikantaramas, Y. Shoyama, Y. Shoyama and S. Morimoto).


Cannabidiol Recent Advances (R. Mechoulant, M. Peters, E. Murillo-Rodriquez and L. O. Hanu).

From Active Ingredients to the Discovery of the Targets: The Cannabinoid Receptors (K. Mackie).

Medicinal Chemistry Endeavors around the Phyto-cannabinoids (E. Stern and D. M. Lambert).

Cannabis, Pain, and Sleep: Lessons from Therapeutic Clinical Trials at Sativex®, a Cannabis-Based Medicine (E. B. Russo, G. W. Guy and P. J. Robson).

The Toxicology of Cannabis and Cannabis Prohibition (F. Grotenhermen).

Human Cannabinoid Pharmacokinetics (M. A. Huestis).

Blocking the Cannabinoid Receptors: Drug Candidates and Therapeutic Promises (G. G. Muccioli).

Part 2 The Endocannabinoid System: The Short Journey from the Humans to the Plants.

Discovery and Isolation of Anandamide and Other Endocannabinoids (L. O. Hamu).


The Multiple Pathways of Endocannabinoid Metabolism: A Zoom Out (S. Vandevoorde and D. M. Lambert).

Fatty Acid Amide Hydrolase: From Characterization to Therapeutics (G. Labar and C. Michaux).

Monoglyceride Lipase as an Enzyme Hydrolyzing 2-Arachidonoylglycerol (S. M. Saario and J. T. Laitinen).


Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct.

Product Name: Cannabinoids in Nature and Medicine
Web Address: http://www.researchandmarkets.com/reports/2326659/
Office Code: SC

Product Format
Please select the product format and quantity you require:

| Quantity | Hard Copy (Hard Back): USD 182 + USD 31 Shipping/Handling |

* Shipping/Handling is only charged once per order.
* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof

First Name: ___________________________ Last Name: ___________________________

Email Address: * ___________________________

Job Title: ___________________________

Organisation: ___________________________

Address: ___________________________

City: ___________________________

Postal / Zip Code: ___________________________

Country: ___________________________

Phone Number: ___________________________

Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by Wire Transfer: Bank details will be provided on the invoice which you will receive after you place your order with us.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World