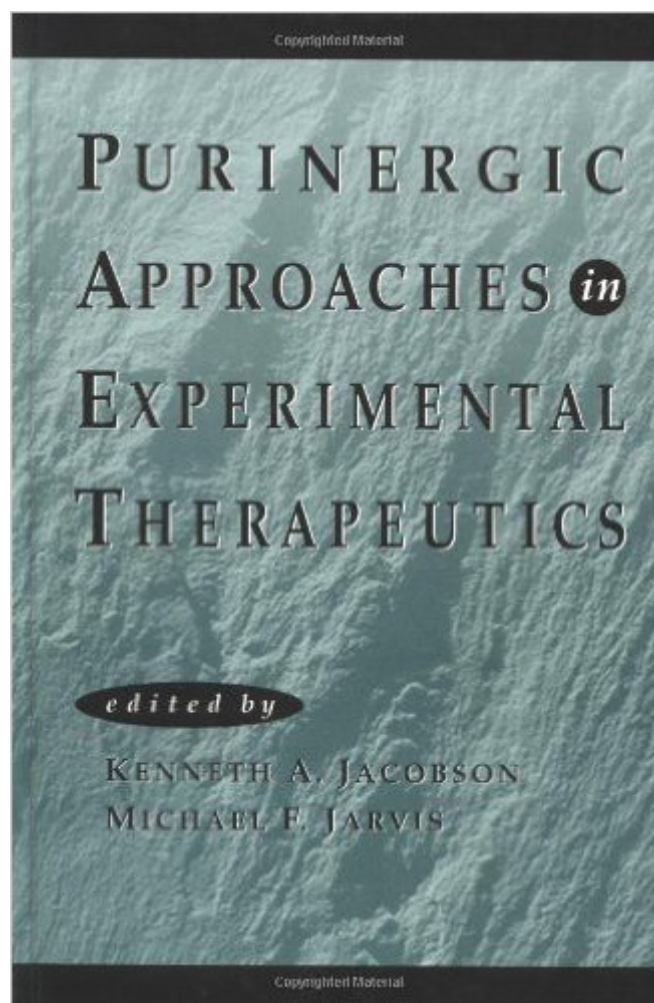


The book was found

Purinergetic Approaches In Experimental Therapeutics



Synopsis

Edited by Kenneth A. Jacobson and Michael F. Jarvis The roles of extracellular purines and pyrimidines in cellular homeostasis and disease etiology have come to be understood gradually over the past 40 years. However, due to the recent cloning and expression of receptors for ATP and adenosine, novel compounds have been developed with unique therapeutic potential for the treatment of thrombosis, stroke, epilepsy, chronic pain, immunological disorders, and cancer. As a result, the study of adenosine- and ATP-mediated responses in cellular regulation is entering a phase of opportunity and development unmatched since the days of serotonin receptor research in the 1970s. The only definitive book on the topic, *Purinergic Approaches in Experimental Therapeutics* covers all of the major therapeutic applications of purinergic receptors and reflects the very latest developments in this new area of therapeutic research. Twenty-eight chapters, authored by an international group of contributors who are the leading authorities in the field, provide details on molecular pharmacology; medicinal chemistry; and therapeutic implications, including cardiology, metabolism, immunology, neurology, and cancer. Among the topics covered: * Purinergic Neurotransmission and Neuromodulation: A Historical Perspective * Adenosine Receptor Subtypes: New Insights from Cloning and Functional Studies * Modulators of Adenosine Uptake, Release, and Inactivation * Cardiac Electrophysiology of Adenosine: Antiarrhythmic and Proarrhythmic Actions * Purinergic Modulation of Gastrointestinal Function * The Role of Adenosine in Asthma * ATP in Brain Function * ATP in the Treatment of Cancer For researchers in pharmacology, physiology, molecular biology, and medicinal chemistry, *Purinergic Approaches in Experimental Therapeutics* heralds an exciting new era in the understanding of purinergic neurotransmission and the development of novel therapeutic modalities.

Book Information

Hardcover: 581 pages

Publisher: Wiley-Liss; 1 edition (July 15, 1997)

Language: English

ISBN-10: 0471140716

ISBN-13: 978-0471140719

Product Dimensions: 6.6 x 1.3 x 9.5 inches

Shipping Weight: 2.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #14,547,460 in Books (See Top 100 in Books) #72 in Books > Medical Books

> Pharmacology > Molecular #9683 inÂ Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Pharmacology #15706 inÂ Books > Medical Books > Basic Sciences > Physiology

[Download to continue reading...](#)

Purinerbic Approaches in Experimental Therapeutics Pharmacology and Therapeutics for Dentistry, 4e (Pharmacology & Therapeutics for Dentistry) Textbook of Therapeutics: Drug and Disease Management (Helms, Textbook of Therapeutics) Applied Therapeutics: The Clinical Use of Drugs (APPLIED THERAPEUTICS (KODA-KIMBLE)) Clinical Pharmacy and Therapeutics/Workbook for Clinical Pharmacy and Therapeutics Experimental Psychology (PSY 301 Introduction to Experimental Psychology) Cellular Biology: Experimental Approaches to Cellular Processes and Molecular Medicine Foundations of Educational Technology: Integrative Approaches and Interdisciplinary Perspectives (Interdisciplinary Approaches to Educational Technology) Clinical Approaches to the Mentally Disordered Offender (Wiley Series in Clinical Approaches to Criminal Behavior) Approaches to Teaching Coetzee's Disgrace and Other Works (Approaches to Teaching World Literature) Orthomolecular Medicine for Everyone: Megavitamin Therapeutics for Families and Physicians Religious Therapeutics: Body and Health in Yoga, Ayurveda, and Tantra (SUNY Series in Religious Studies) (Suny Series, Religious Studies) The ADA/PDR Guide to Dental Therapeutics Pharmacology and Therapeutics for Dentistry ADA/PDR Guide to Dental Therapeutics, 4th Edition Pharmacology and Dental Therapeutics Network Medicine: Complex Systems in Human Disease and Therapeutics Cardiovascular Pharmacology and Therapeutics Pharmacological Basis of Therapeutics 8th Ed The Pharmacological Basis of Therapeutics (Fourth edition)

[Dmca](#)