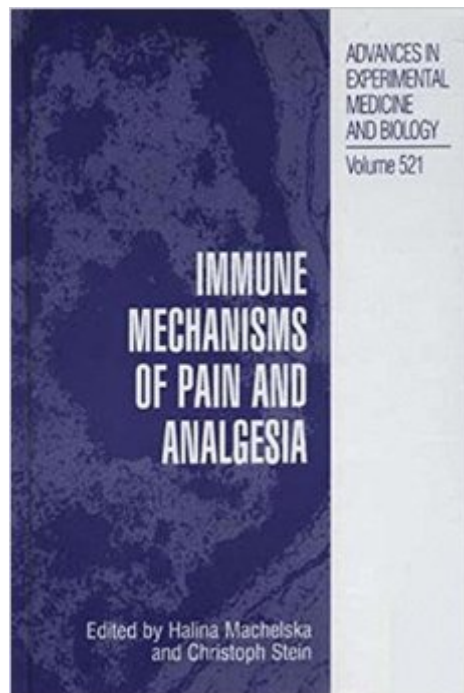


The book was found

Immune Mechanisms Of Pain And Analgesia (Advances In Experimental Medicine And Biology)



Synopsis

Immune Mechanisms of Pain and Analgesia is the first volume to discuss a new concept of immune-neural interplays leading to pain or analgesia. It argues the classical view that pain and its control are restricted to the nervous system, offering a comprehensive overview of the emerging area of immune mechanisms in pain and its control. It challenges the traditional view that pain sensation or suppression is attributed exclusively to the nervous system and presents a critical analysis of this new concept. The book is written by an internationally recognized group of researchers and discusses complex and controversial issues such as cytokines and their pain-exacerbating but also analgesic effects, the production of opioids by immune cells, peripheral analgesic and anti-inflammatory actions of opioids, immunomodulatory effects of opiates, and immunosuppressive effects of pain.

Book Information

Series: Advances in Experimental Medicine and Biology (Book 521)

Hardcover: 163 pages

Publisher: Springer; 2003 edition (January 31, 2003)

Language: English

ISBN-10: 0321036484

ISBN-13: 978-0321036483

ASIN: 0306476924

Product Dimensions: 7 x 0.4 x 10 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,637,025 in Books (See Top 100 in Books) #25 in [Books > Medical Books > Veterinary Medicine > Immunology](#) #33 in [Books > Medical Books > Veterinary Medicine > Cardiology](#) #1468 in [Books > Medical Books > Pharmacology > Pain Medicine](#)

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

Immune Mechanisms of Pain and Analgesia (Advances in Experimental Medicine and Biology)

Biology: The Ultimate Self Teaching Guide - Introduction to the Wonderful World of Biology - 3rd Edition (Biology, Biology Guide, Biology For Beginners, Biology For Dummies, Biology Books)

Phylogenetic Perspectives on the Vertebrate Immune System (Advances in Experimental Medicine and Biology) Advances in Modelling and Clinical Application of Intravenous Anaesthesia (Advances in Experimental Medicine and Biology) Neuropilin: From Nervous System to Vascular and Tumor

Biology (Advances in Experimental Medicine and Biology) Sunlight, Vitamin D and Skin Cancer (Advances in Experimental Medicine and Biology) Neuroimmune Circuits, Drugs of Abuse, and Infectious Diseases (Advances in Experimental Medicine and Biology) Targeted Therapies in Cancer:: Myth or Reality? (Advances in Experimental Medicine and Biology) Joint Pain No More: How to Effectively Eliminate Pain and ease your Aches! (Pain Management, Muscle Pain, sports injury) Hip Flexor Pain: The Ultimate Guide to Fix Tight Hip Flexors and Cure Tight Hips Life! (hip flexors, hip pain, hip flexor stretches, hip flexor, hip pain relief, hip joint pain, hips) Wrist Pain, Neck Pain - Lower Back Pain - Should Treatments Be Focussed Only To The Area That Hurts?: A Comfortable Healthy Sleep Without Neck Pain And ... Neck Pillow, (Children health care Book 1) Regional Opioid Analgesia: Physiopharmacological Basis, Drugs, Equipment and Clinical Application (Developments in Critical Care Medicine and Anaesthesiology) Cellular Biology: Experimental Approaches to Cellular Processes and Molecular Medicine Experimental Psychology (PSY 301 Introduction to Experimental Psychology) Understanding Organometallic Reaction Mechanisms and Catalysis: Computational and Experimental Tools Advanced Organic Chemistry: Part A: Structure and Mechanisms: Structure and Mechanisms Pt. A Percutaneous Absorption: Drugs--Cosmetics--Mechanisms--Methodology: Drugs--Cosmetics--Mechanisms--Methodology, Third Edition, (Drugs and the Pharmaceutical Sciences) Schaechter's Mechanisms of Microbial Disease (Mechanisms of Microbial Disease (Schaechter)) Anti Inflammatory Diet: Guide to Eliminate Joint Pain, Improve Your Immune System, and Restore Your Overall Health (anti inflammatory cookbook, anti inflammatory ... recipes, anti inflammatory strategies) Life Without Pain: Free Yourself from Chronic Back Pain, Headache, Arthritis Pain, and More, Without Surgery or Narcotic Drugs

[Dmca](#)