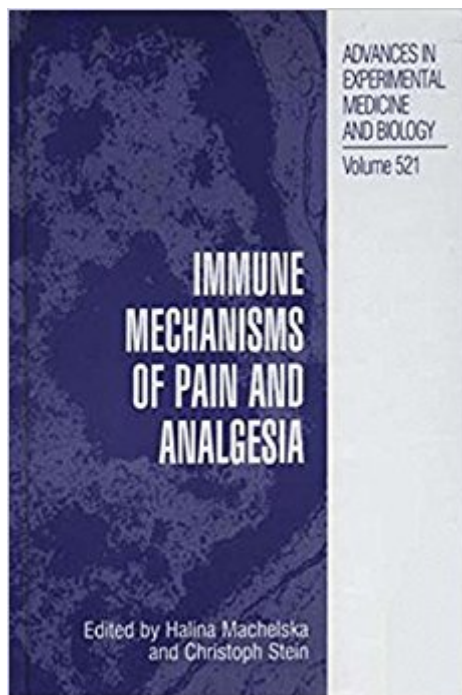




**Ebook Directory**  
the best source of ebook

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: #6,115,925 in Books (See Top 100 in Books) #40 in Books > Medical Books > Veterinary Medicine > Immunology #45 in Books > Medical Books > Veterinary Medicine > Cardiology #1882 in Books > Medical Books > Pharmacology > Pain Medicine

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

Immune Mechanisms of Pain and Analgesia (Advances in Experimental Medicine and Biology)  
Mechanisms of Lymphocyte Activation and Immune Regulation VIII: Autoimmunity 2000 and Beyond (Advances in Experimental Medicine and Biology) (v. 8) 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) Neupilin: From Nervous System to Vascular and Tumor Biology (Advances in

Experimental Medicine and Biology) Biology of the Mammary Gland (Advances in Experimental Medicine and Biology) Back Stretching: Back Strengthening And Stretching Exercises For Everyone (lower back pain, healing back pain, stretching exercises, back pain treatment, ... pain relief, stretching, back pain Book 1) 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) Iron Chelation Therapy (Advances in Experimental Medicine and Biology) Hormonal Carcinogenesis V (Advances in Experimental Medicine and Biology) Targeted Therapies in Cancer:: Myth or Reality? (Advances in Experimental Medicine and Biology) Therapeutic Ultrasound (Advances in Experimental Medicine and Biology) Basic Immunology Updated Edition: Functions and Disorders of the Immune System With STUDENT CONSULT Online Access, 3e (Basic Immunology: Functions and Disorders of the Immune System) I'm Immune! How Your Immune System Keeps You Safe - Health Books for Kids - Children's Disease Books Anti-Inflammatory Diet: A complete guide to the Anti-Inflammatory Diet, How to reduce Inflammation?: What you should eat & avoid to Reset your Immune System ... Immune System, Reduce Inflammation Book 1) The Cytokines of the Immune System: The Role of Cytokines in Disease Related to Immune Response 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) Scoliosis Prevention and Treatment: The Ultimate Guide to Health, Fitness, Dieting, Recovery and Growth: osteopathy, alternative medicine, yoga, contemporary ... Back Pain, Pain Relief, Pain Management,) Advanced Organic Chemistry: Part A: Structure and Mechanisms: Structure and Mechanisms Pt. A

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)