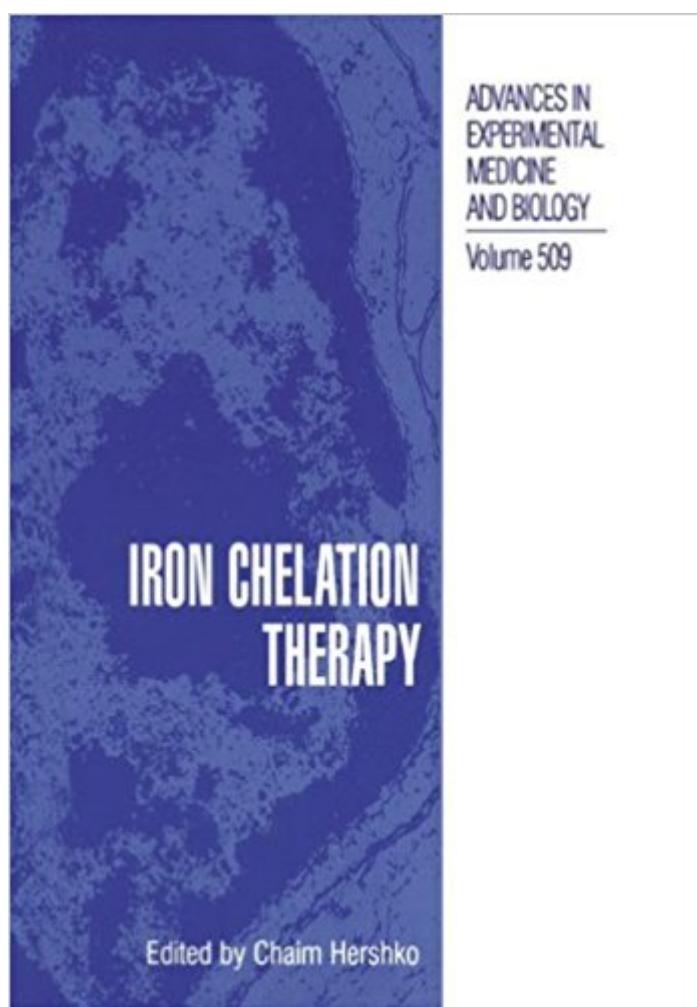


The book was found

Iron Chelation Therapy (Advances In Experimental Medicine And Biology)



Synopsis

Within the last few years, iron research has yielded exciting new insights into the understanding of normal iron homeostasis. However, normal iron physiology offers little protection from the toxic effects of pathological iron accumulation, because nature did not equip us with effective mechanisms of iron excretion. Excess iron may be effectively removed by phlebotomy in hereditary hemochromatosis, but this method cannot be applied to chronic anemias associated with iron overload. In these diseases, iron chelating therapy is the only method available for preventing early death caused mainly by myocardial and hepatic iron toxicity. Iron chelating therapy has changed the quality of life and life expectancy of thalassemic patients. However, the high cost and rigorous requirements of deferoxamine therapy, and the significant toxicity of deferiprone underline the need for the continued development of new and improved orally effective iron chelators. Such development, and the evolution of improved strategies of iron chelating therapy require better understanding of the pathophysiology of iron toxicity and the mechanism of action of iron chelating drugs. The timeliness of the present volume is underlined by several significant developments in recent years. New insights have been gained into the molecular basis of aberrant iron handling in hereditary disorders and the pathophysiology of iron overload (Chapters 1-5).

Book Information

Series: Advances in Experimental Medicine and Biology (Book 509)

Hardcover: 277 pages

Publisher: Springer; 2002 edition (January 31, 2003)

Language: English

ISBN-10: 0306467852

ISBN-13: 978-0306467851

Product Dimensions: 7 x 0.7 x 10 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #16,040,286 in Books (See Top 100 in Books) #79 in Books > Health, Fitness & Dieting > Alternative Medicine > Chelation #1949 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Hematology #3267 in Books > Textbooks > Medicine & Health Sciences > Veterinary Medicine > General

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

Iron Chelation Therapy (Advances in Experimental Medicine and Biology) Cast Iron Recipes

Cookbook: 50 Most Delicious of Cast Iron Recipes (Cast Iron Recipes, Cast Iron Cookbook, Cast Iron Cooking, Cast Iron Cooking Recipes): ... Recipes (Easy Recipes Cookbook Book 2) The Cast Iron Recipe DeLuxe: Discover 55 Amazingly Delicious Recipes For Breakfast, Lunch, Dinner and Desserts In Your Cast Iron Skillet (Cast Iron Recipes, ... Iron Cookware, Cast Iron Cookbook Book 1) Cast Iron Cookware Recipes 4 Books in 1 Book Set - Cooking with Cast Iron Skillets (Book 1) Cast iron Cookbook (Book 2) Cooking with Cast Iron (Book 3) Paleo Cast Iron Skillet Recipes (Book 4) Cast Iron Cooking - Easy Cast Iron Skillet Home Cooking Recipes: One-pot meals, cast iron skillet cookbook, cast iron cooking, cast iron cookbook 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) Biology of the Mammary Gland (Advances in Experimental Medicine and Biology) The Iron Man Collection: Marvel's Iron Man, Marvel's Iron Man 2, and Marvel's Iron Man 3 Mechanisms of Lymphocyte Activation and Immune Regulation VIII: Autoimmunity 2000 and Beyond (Advances in Experimental Medicine and Biology) (v. 8) The Chelation Way: The Complete Book of Chelation Therapy 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) Immune Mechanisms of Pain and Analgesia (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) Phylogenetic Perspectives on the Vertebrate Immune System (Advances in Experimental Medicine and Biology) Therapeutic Ultrasound (Advances in Experimental Medicine and Biology) Advances in Photodynamic Therapy: Basic, Translational and Clinical (Engineering in Medicine & Biology) Cast Iron Cookbook: The Only Cast Iron Skillet Cookbook and Cast Iron Skillet Recipes You Will Ever Need

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)