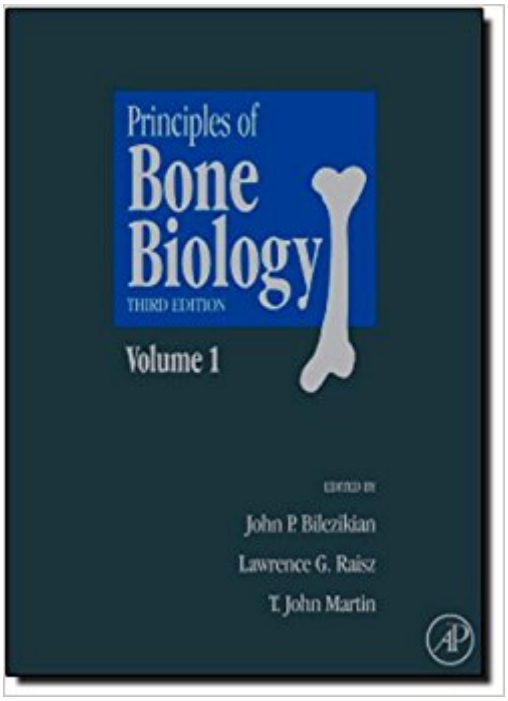
Principles Of Bone Biology, Third Edition (Bilezikian, Principles Of Bone Biology 2 Vol Set)



Synopsis

Principles of Bone Biology provides the most comprehensive, authoritative reference on the study of bone biology and related diseases. It is the essential resource for anyone involved in the study of bone biology. Bone research in recent years has generated enormous attention, mainly because of the broad public health implications of osteoporosis and related bone disorders.Provides a "one-stop" shop. There is no need to search through many research journals or books to glean the information one wantsâ it is all in one source written by the experts in the fieldThe essential resource for anyone involved in the study of bones and bone diseasesTakes the reader from the basic elements of fundamental research to the most sophisticated concepts in therapeuticsReaders can easily search and locate information quickly as it will be online with this new edition

Book Information

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Customer Reviews

Praise for the previous edition:"Students, teachers, and practitioners will benefit from reading it, and investigators will use it as a reference work; it will certainly be consulted frequently." --The New England Journal of Medicine

John P. Bilezikian, MD, the Dorothy L. and Daniel H. Silberberg Professor of Medicine and Professor of Pharmacology at the College of Physicians & Surgeons, Columbia University is Chief of the Division of Endocrinology and Director of the Metabolic Bone Diseases Program at Columbia

University Medical Center. Dr. Bilezikian received his undergraduate training at Harvard College and his medical training at the College of Physicians & Surgeons. He completed four years of house staff training (internship, residency and Chief Residency) on the Medical Service at Columbia Presbyterian Medical Center. Dr. Bilezikian received his training in Metabolic Bone Diseases and in Endocrinology at the NIH in the Mineral Metabolism Branch under the tutelage of Dr. Gerald Aurbach. Dr. Bilezikian belongs to a number of professional societies including the American Society for Bone and Mineral Research, of which he served as President, 1995-1996 and the International Society of Clinical Densitometry, of which he served as President, 1999-2001. He serves on the Board of Governors of the International Osteoporosis Foundation (1998-present) and on its Committee of Scientific Advisors (2001-present). He is Chair of the Endocrine Fellows Foundation. He served as Editor-in-Chief of the Journal of Clinical Endocrinology and Metabolism (2000-2004) and as Senior Associate Editor of the Journal of Bone and Mineral Research (2008-2012). He is Executive Advisory Editor of Bone Research (2013-present). His books include Editor-in-Chief of The Parathyroids [1994, 2001, 2014], and co-editor of The Aging Skeleton (1999), Dynamics of Bone and Cartilage Metabolism (1999, 2006), Principles of Bone Biology (1996, 2002, 2008) and Osteoporosis in Men (2010). He served as co-chair of the last three NIH Workshops on Primary Hyperparathyroidism (2002, 2008, 2013). He is the recipient of the Distinguished Physician Award of the Endocrine Society, the Frederic C. Bartter Award of the American Society for Bone and Mineral Research (ASBMR) for Excellence in Clinical Research and the First Annual Global Leadership Award of the International Society of Clinical Densitometry. In 2009, he received the Gideon A. Rodan Excellence in Mentorship Award from the ASBMR. He received the Laureate Distinguished Educator Award of The Endocrine Society in 2014. In 2014, he was made honorary member of the Brazilian Society of Endocrinology and Metabolism. His publications number over 700.Dr. Raisz is Professor of Medicine and Program Director of the General Clinical Research Center at the University of Connecticut Health Center. He has been carrying out laboratory and clinical studies in the field of osteoporosis and bone metabolism for over 40 years. He has mentored a large number of investigators in these areas both here at the University of Connecticut and previously at the University of Rochester School of Medicine. His current studies include an analysis of the effects of estrogen and androgen on the expression of cytokines and growth factors in bone, which is being carried out in both humans and animal models, studies of the role of prostaglandins in bone metabolism using transgenic mice, studies on the effects of progestins on bone turnover in postmenopausal women and tissue culture and animal studies on new antiresorptive and anabolic agents carried out in collaboration with the pharmaceutical industry.Dr. Martin has served on 12

state and national committees and boards, been an international lecturer for nearly 20 years, and his work has been extensively published in a total of 420 original papers, 178 reviews, chapters and editorials, and seven books. He was appointed as Officer of the Order of Australia, elected to fellowships of the Australian Academy and the Royal Society and received 12 prestigious career awards, including the Eric Susman Prize from the Royal Australasian College of Physician. He has had 12 patents granted and held eight international visiting appointments in the United Kingdom, United States, and Switzerland. An outstanding contribution to science includes the cloning of parathyroid hormone related protein.

this is a very complete book on bone biology, i decided to buy it asper the suggestion of two friends that I respect and are authorities in this field.The book covers in detail each aspect related to bone biology and it opens your mind about whats going on in bone at the microscopic level as you treat your patients.This book is the real thing, it will never be obsolete and it will require 3 full lives to finish reading and memorizing the information contained in this book since there were so many contributors from so many different backgrounds.personally I have elected to read specific chapters that have relevance to what I do in the clinical and academic field of TMJ and Implant dentistry. When I finish one chapter then i notice that I need to go to another one to supplement the information and then that takes me to another one (perhaps I will finish it in this life, i doubt it, two full books).It is also a great book to read if you have trouble falling sleep and you got home tired after a long day at work.If you want to learn about bone at a professional world class level, this is the one!!Alvaro ordonezCoral gables, Fl

Textbook: Principles of Bone BiologyEditors: John Bilezikian, Lawrence Raisz, John MartinPublished: 2008 (3rd Edition)Organization: Two volumes 1942 pages consisting of 4 major parts and 90 chaptersIntroduction: Principles of Bone Biology is a comprehensive text which includes in-depth analysis of topics ranging from basic cell biology and biochemistry, the complex interactions of bone hemostasis, principals behind metabolic bone diseases including their treatment, and research methods. The list of chapter authors includes many of the most prominent and well published names in the field. As the third edition (previous edition was published in 2002) the chapters have been extensively updated especially in the therapeutics portion.Organization: The four major sections are 1) Basic Principles 2) Molecular Mechanisms of Metabolic Bone Disease 3)Pharmacological Mechanisms of Therapeutics and 4) Methods in Bone Research. Each section is broken up into subsections that follow a logical order and each chapter is about 15 to 25 pages in

length. There is extensive use of graphs, tables and pictures (black and white) that help organize and summarize the content as well as references. Many of the chapters conclude with the authors's remarks and/ or future direction which helpful to the reader to obtain the salient points or understand where the future growth in this field will be.Opinion: Principles of Bone Biology is an excellent reference source on a topic that receives relatively little coverage in the standard internal medicine or orthopedic textbooks. The extensive breath and depth contained in this textbook makes it a valuable resource for those who do research in this area as a way to obtain succinct information and background for their own research. For practitioners who have a focus in treating patients with metabolic bone disease this text can provide greater background on the basics of bone biology as well as the basis of treatment. Finally, this book would be an excellent addition to any medical library as an excellent go to book for any question on bone biology.ReviewerEric Owen Eisemon, M.D.

Bone Loss and Reverse Osteoporosis--Without Dairy Foods, Calcium, Estrogen, or Drugs Dr. Lani's No-Nonsense Bone Health Guide: The Truth About Density Testing, Osteoporosis Drugs, and Building Bone Quality at Any Age Preventing and Reversing Osteoporosis: What You Can Do About Bone Loss - A Leading Expert's Natural Approach to Increasing Bone Mass Osteoporosis: How To Reverse Osteoporosis, Build Bone Density And Regain Your Life (Osteoporosis, Bone Density, Strong Bones, Healthy Bones, Osteoporosis Cure) Osteopenia and Osteoporosis: Information from the Experts: Understand Your Bone Mineral Density Test, Causes of Bone Loss, Prevention, and Treatment Bone Marrow Nei Kung: Taoist Techniques for Rejuvenating the Blood and Bone Bone Cancer Causes, Symptoms, Stages & Treatment Guide: Cure Bone Cancer With A Positive Outlook P R O L I A (Denosumab): Treats Osteoporosis, Bone Cancer, and Bone-Related Problems in Patients who have Cancer