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AND CAUCASIAN WOMEN: CHAPTER 4 NUTRITION AND OSTEOPOROSIS: CHAPTER 5 BONE ADAPTATION TO MECHANICAL LOADING: HOW DOES BONE SENSE THE NEED FOR CHANGE TO LOADING FROM EXERCISE?; CHAPTER 6 THE DIAGNOSIS OF OSTEOPOROSIS IN POSTMENOPAUSAL WOMEN; CHAPTER 7 BIOCHEMICAL MARKERS OF BONE TURNOVER: ASSAY METHODS AND CLINICAL APPLICATION; CHAPTER 8 BONE MARROW ADIPOGENESIS IN OSTEOPOROSIS CHAPTER 9 STATISTICAL METHODS IN OSTEOPOROSIS RESEARCHCHAPTER 10 PREVENTION AND TREATMENT OF POSTMENOPAUSAL OSTEOPOROSIS; CHAPTER 11 NOVEL POTENTIAL DRUG TARGETS FOR THE ANTI-RESORPTIVE TREATMENT OF OSTEOPOROSIS; CHAPTER 12 MALE OSTEOPOROSIS; CHAPTER 13 OSTEOPOROSIS AND OSTEOARTHRITIS: CHAPTER 14 OSTEOPOROSIS IN PEDIATRICS: CHAPTER 15 GENETICS OF OSTEOPOROSIS: CHAPTER 16 PHARMACOGENETICS AND PHARMACOGENOMICS OF OSTEOPOROSIS: CHAPTER 17 STUDYING OSTEOPOROSIS AT THE WHOLE-GENOME LEVEL: PROBLEMS AND PROSPECTS: CHAPTER 18 ANIMAL MODELS AND STUDY DESIGN FOR OSTEOPOROSIS RESEARCH

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TRADITIONAL HERBAL MEDICINEAPPENDIX AN INTRODUCTION TO HOLOGIC TECHNOLOGY; SUBJECT INDEX

This book reviews important topics in osteoporosis, with the emphasis on both clinical management and basic research of the disease. From the clinical perspective, topics covering pathogenesis, diagnosis, and treatment of osteoporosis are extensively elaborated. Several more chapters complement clinical overview of osteoporosis, that discuss the effects of nutrition and exercise to bone health, the application of biochemical markers in osteoporosis diagnosis, novel potential drug targets for osteoporosis treatment, and osteoporosis in males and in children. As the prevalence of osteoporosis no