Record Nr. UNINA9910437990203321

Titolo Nutritional influences on bone health: 8th International Symposium / /

edited by Peter Burckhardt, Bess Dawson-Hughes, Connie Weaver.

Connie M. Weaver, editors

Pubbl/distr/stampa New York, : Springer, 2013

ISBN 1-4471-2769-2

Edizione [1st ed. 2013.]

Descrizione fisica 1 online resource (386 p.)

Altri autori (Persone) BurckhardtPeter

Dawson-HughesBess WeaverConnie <1950->

Disciplina 616.71

616.7160654

Soggetti Osteoporosis - Nutritional aspects

Osteoporosis - Prevention

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Note generali Description based upon print version of record.

Nota di contenuto

Nutrition, Ageing and Chronic Low Grade Systemic Inflammation in Relation to Oste-oporosis and Sarcopenia -- Interactions of dietary

patterns, systemic inflammation, and bone health -- Weight Loss and Physical Activity in Obese Older Adults: Impact on Skeletal Muscle and Bone -- The hormonal milieu in obesity and influences on the trabecular, cortical and geometric properties of bone -- Emerging nutritional and lifestyle risk factors for bone health in young women: a mixed longitudinal twin study -- Dietary fat composition and agerelated muscle loss -- Relationships Between Body Fat and Bone Mass

-- Acid:base homeostasis and musculo-skeletal health: current thinking and future perspectives -- When is low Potential Renal Acid Load (PRAL) beneficial for bone? -- The effect of alkaline potassium salts on calcium and bone metabolism -- The Effects of Protein Supplementation on Bone Mass in Chinese Postmenopausal Women --

The negative effect of a high protein – low Calcium diet -- Prebiotics, probiotics, polyunsaturated fatty acids and Bone Health -- Comparison of Natural Products for Effects on Bone Balance -- Citrus flavanones and bone health -- Intake of B vitamins and carotenoids in relation to

risk of hip fracture in elderly Chinese -- Dietary Anthocyanidins and Bone Health -- Chapter Relative Effects of Vitamin D3 and Calcifediol -- Physical performance, muscle strength, falls and vitamin D --Vitamin D Status In Relation To Veiling, Obesity, And Milk Intake In Saudi Women -- Serum 25(OH)D And Calcium Intake Predict Changes In Hip BMD And Structure In Young Active Men -- The comparative effects of Vitamin D2 versus Vitamin D3 supplementation in improving serum 25(OH)D status: A review of the evidence -- Vitamin D Supplementation and Changes in Vitamin D and Bone Metabolites in Children --Determinants of the 25-hydroxyvitamin D response to vitamin D supplements -- Strategies for Improving Vitamin D Status: focus on fortification -- Vitamin D and Calcium Absorption: Toward A New Model -- Do Desirable Vitamin D Levels Vary Globally? -- Sexual dimorphism in bone and body composition in rural Gambian prepubertal children habituated to a low calcium intake -- The Likely Importance of Specific Dairy Foods in Relation to Bone Health: Current Knowledge and Future Challenges -- Galacto-oligosaccharides: Prebiotic effects on calcium absorption and bone health -- The Relationship of Weight-bearing Physical Activity and Dietary Calcium Intake with Bone Mass Accrual in the Bone Mineral Density in Childhood Study Cohort -- Preventing malnutrition to reduce fracture risk in aged care residents. A Dairy-Based Protein, Calcium and Vitamin D -- Effects of Vitamin D and Calcium Supplementation on Heart Rate and Blood Pressure in Community-Dwelling Older Individuals -- Calcium metabolism in Mexican American adolescents -- Calcium Is Not Only Safe But Important for Health -- Cardiovascular Safety of Calcium Supplements -- Blueberry in calcium and Vitamin D enriched fermented milk is able to modulate bone metabolism in postmenopausal women.

Sommario/riassunto

Nutritional Influences on Bone Health presents a collection of papers from the 8th International Symposium on Nutritional Aspects of Osteoporosis, the primary forum for and only regular meeting exclusively devoted to the topic of nutritional influences on bone health. The outcome is a fusion of the most current and up-to-date research in this area. Key themes include the permeation of the Western diet across the globe, calcium, vitamin D and acid-base balance. Written by authorities on the impact of nutrition on bone health, Nutritional Influences on Bone Health brings the reader the emerging trends, new messages and the latest scientific data in the field, to inform future research and clinical practice. This comprehensive, well researched volume is an essential reference for professionals in the field of bone health and nutrition.