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Nota di contenuto	Front Cover; Contents; Preface; Editors; Contributors; Chapter 1 - Epidemiology of Obesity: Current Status; Chapter 2 - Epidemiology of Type 2 Diabetes and Obesity; Chapter 3 - Global View on the Development of Noncommunicable Diseases: Where Are We Going?; Chapter 4 - Evidence for Refined Food Addiction; Chapter 6 - Cigarette Smoking, Inflammation, and Obesity; Chapter 7 - Role of Neurotransmitters in Obesity Regulation; Chapter 8 - Neurobiology of Obesity; Chapter 9 - Leptin as a Vasoactive Adipokine: Link between Metabolism and Vasculature Chapter 10 - Leptin-Induced Inflammation: A Link between Obesity and Cancer Chapter 13 - Sleep and Obesity; Chapter 14 - Oxidative Stress Status in Humans with Metabolic Syndrome; Chapter 15 - Obesity and Type 2 Diabetes; Chapter 16 - Inflammation: A Hallmark of Obesity in Conflict with Wound Healing; Chapter 17 - Angiogenesis-Targeted Redox-Based Therapeutics; Chapter 19 - Genomic Imprinting Disorders in Obesity; Chapter 21 - History and Regulation of Prescription and Over-the-Counter Weight Loss Drugs; Chapter 22 - Safety of Obesity Drugs Chapter 25 - Role of Exercise in Diet and Weight Loss Chapter 26 - Role

of Exercise in Weight Management and Other Health Benefits: Emphasis on Pedometer-Based Program; Chapter 27 - Overview of Nutritional and Dietary Approaches for Weight Control; Chapter 28 - Gender Effects on Adiposity; Chapter 29 - Beyond Obesity Prevention: The Antiaging Effects of Caloric Restriction; Chapter 30 - Carbohydrate Digestion Inhibitors: A Focus on Natural Products; Chapter 31 - Vegetarian Diets in the Prevention and Treatment of Obesity; Chapter 32 - Atkins Paradigm
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Chapter 35 - Chromium (III) in Promoting Weight Loss and Lean Body Mass; Chapter 38 - Antiobesity Effects of Conjugated Linoleic Acid: Fact or Fiction?; Chapter 39 - Role of Tea in Weight Management; Chapter 40 - Laboratory and Clinical Studies of Chitosan; Chapter 42 - Role of *Caralluma fimbriata* in Weight Management; Chapter 43 - Glucomannan in Weight Loss: A Review of the Evidence; Chapter 44 - Role of Medium-Chain Triglycerides in Weight Management; Chapter 45 - Antiobesity by Marine Lipids
Chapter 48 - *Coleus forskohlii* Extract in the Management of Obesity
Chapter 49 - Curcumin: Potential Role in Obesity and Obesity-Related Metabolic Diseases; Chapter 51 - Appetite, Body Weight, Health Implications of a Low-Glycemic-Load Diet; Chapter 52 - Herbs and Dietary Nutrients Associated with Weight Loss; Chapter 53 - Calcium and Obesity: A Microcosm of the Nutrient Problem; Chapter 55 - Beyond Glycemic Index and Glycemic Load: Horizons for Long-Term Weight Management; Chapter 57 - Obesity and Disordered Eating in Youth
Chapter 59 - Impact of Childhood Obesity on Musculoskeletal Growth, Development, and Disease

Sommario/riassunto

The spread of obesity has been declared a worldwide epidemic by the World Health Organization (WHO). In fact, a new term, globesity, has been coined to describe the recent upsurge of overweight and obesity throughout the world's population. How severe is the problem? According to WHO, worldwide obesity has more than double since 1980. In 2008, 1.5 billion adults, 20 and older, were overweight [1]. Of these over 200 million men and 300 million women were obese. 65% of the world's population live in countries where overweight and obesity kills more people than underweight [1]. Furthermore, nearly 43 million children under the age of five were underweight in 2010 [1]--
