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Nota di contenuto	Front Cover; Contents; Preface; Editors; Contributors; Chapter 1: An Overview on Rheumatologic Disorders; Chapter 2: Pathogenesis of Osteoarthritis; Chapter 3: Biomarkers in Osteoarthritis; Chapter 4: Rheumatoid Arthritis : Disease Pathophysiology; Chapter 5: Osteoclasts and Interleukin-17-Producing Helper T Cells in Rheumatoid Arthritis; Chapter 6: WNT/ $\beta$ -Catenin Signaling Modulating Osteoarthritis; Chapter 7: Psoriatic Arthritis : Epidemiology, Risk Factors, and Quality of Life; Chapter 8: Arthritis, Obesity, Increased Cardiovascular Risk, and Disability Chapter 9: An Overview : Use of Traditional Antiarthritic Drugs and Update on Drug DevelopmentChapter 10: Nonsteroidal Anti-Inflammatory Drugs; Chapter 11: Biologics : Target-Specific Treatment of Systemic and Cutaneous Autoimmune Diseases; Chapter 12: Topical Applications for Pain and Arthritic Diseases; Chapter 13: Hyaluronic Acid and Arthritis : A Review; Chapter 14: Hyaluronan for the Treatment of Osteoarthritis and Rheumatoid Arthritis; Chapter 15: Immunomodulatory Activities of Japanese Traditional Medicines in Rheumatoid Arthritis Chapter 16: An Overview on Natural Therapeutic InterventionsChapter

17: Potential Health Benefits from Nutrition and Dietary Supplements in the Prevention of Osteoarthritis and Rheumatoid; Chapter 18: Antiarthritic Potential of Glucosamine and Chondroitin : An Overview; Chapter 19: An Overview on N-Acetylglucosamine and Arthritis; Chapter 20: Hexosamine Flux and the Efficacy and Safety of Glucosamine in the Treatment of Osteoarthritis; Chapter 21: Safety and Efficacy of a Unique Undenatured Type II Collagen in the Treatment of Arthritis  
 Targeting Inflammatory Pathways by Nutraceuticals for Prevention and Treatment of ArthritisChapter 23: Boswellia serrata for Arthritis Relief : A Journey from Frankincense to Aflapin and 5-Loxin; Chapter 24: Utilization of Marine Products in the Treatment and Prevention of Osteoarthritis; Chapter 25: Benefits of Fish Oil for Rheumatoid Arthritis : A Review; Chapter 26: Potential Health Benefits of n-3 and -6 Fatty Acids in Selected Plant Seed Oils in Rheumatoid Arthritis; Chapter 27: Antiarthritic Potential of Bromelain from Ananas comosus and Its Combination  
 Chapter 28: Anti-Inflammatory Properties of Zingiber officinale var. Rubra (Red Ginger Extract)Chapter 29: Benefits of Radix Tripterygium wilfordii for Rheumatoid Arthritis; Chapter 30: Dehydroepiandrosterone (DHEA) : A Review of Its Preclinical Use in the Management of Osteoarthritis; Chapter 31: Antiarthritic Potential of Green-Lipped Mussel and Other Marine-Based Nutraceuticals; Chapter 32: Antioxidant, Anti-Inflammatory, and Anticatabolic Potential of Rosmarinic Acid and High-Rosmarinic Acid Mint (Menth  
 Chapter 33: Potential Health Benefits of Orally Administered Hyaluronan in Alleviating Knee Joint Pain

## Sommario/riassunto

A debilitating disease of pain, inflammation, and loss of mobility and quality of life, arthritis takes victims of all ages, from young children to seniors. Usually chronic, the broad term arthritis refers to nearly 100 distinct manifestations, each with their own etiology, pathophysiology, and treatment. With medical research getting so much attention, it is no wonder there have been recent leaps in the investigation into arthritis treatment. It is important to have a high quality, trusted compendium to capture the breadth and depth of new information in the field.Covering cutting-e