1. Record Nr. UNINA9910781210403321

Titolo	Arthritis : pathophysiology, prevention, and therapeutics / / edited by Debasis Bagchi, Hiroyoshi Moriyama, and Siba P. Raychaudhuri
Pubbl/distr/stampa	Boca Raton : , : CRC Press, , 2011
ISBN	0-429-14713-9 1-4398-1687-5
Descrizione fisica	1 online resource (586 p.)
Altri autori (Persone)	BagchiDebasis <1954-> MoriyamaHiroyoshi RaychaudhuriSiba P
Disciplina	616.7/22
Soggetti	Arthritis - Pathophysiology Arthritis - Treatment
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
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/ß-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

2. Record Nr. UNINA9910865284203321

Autore	Saha Shyama Prasad
Titolo	Agro-waste to Microbe Assisted Value Added Product: Challenges and Future Prospects : Recent Developments in Agro-waste Valorization Research / / edited by Shyama Prasad Saha, Deepika Mazumdar, Swarnendu Roy, Piyush Mathur
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031580253 9783031580246
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (420 pages)
Collana	Environmental Science and Engineering, , 1863-5539
Altri autori (Persone)	MazumdarDeepika RoySwarnendu MathurPiyush
Disciplina	628 660.6
Soggetti	Environmental engineering Biotechnology Bioremediation Microbiology Chemical engineering Refuse and refuse disposal Environmental management Environmental Engineering/Biotechnology Environmental Process Engineering Waste Management/Waste Technology Environmental Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1 - Fundamental Structure, Composition and Cutting-Edge Applications of Polysaccharides in the Contemporary Context -- Chapter 2 - From waste to biofuels: Microbial revalorization of agro-industrial left-overs -- Chapter 3 - Valorization of agro-food wastes and byproducts into bioactive peptides -- Chapter 4 - Microbial cellulases and their characterization for industrial applications: A

review -- Chapter 5 - Utilization of agro-wastes for xylitol production through microbial fermentation -- Chapter 6 - Single-cell protein and biodiesel production from agro-industrial waste -- Chapter 7 - Microbial biodegradation of the agricultural wastes for environmental sustainability -- Chapter 8 - Systematic Utilization of Carbohydrate-Rich Residues by Microbial Enzymes-Based Processing Technology: A Biorefinery Concept -- Chapter 9 - Use of microbial mass assisted aquaculture practice: A step towards resilient and sustainable youth empowerment -- Chapter 10 - Agro waste valorization and production of bioethanol -- Chapter 11 - Sustainable treatment of agro-wastes for the development of novel products especially bioenergy: prospects and constraints -- Chapter 12 - Integrated agro waste valorization and biorefinery approach: Prospects and challenges -- Chapter 13 - Agrowaste as a Potential Feedstock for Biofuel Production -- Chapter 14 - Valorization of Jackfruit waste into bioactive peptides and nutraceuticals -- Chapter 15 - Valorization of feather waste by microbial enzymatic activity: Bioconversion, production and application -- Chapter 16 - Production of biopesticides from agricultural waste as an alternative to chemical pesticides -- Chapter 17 - Biogenic nanoparticles synthesis, extraction, and purification from agro-wastes -- Chapter 18 - A sustainable approach to biosynthesis of nanoparticles from Agro-waste.

Sommario/riassunto

This book mainly focuses on the recent trends and sustainability challenges in the valorization of agro-wastes, emphasizing the role of microbial biotechnology. Processing of various kinds of agro-wastes such as lignocellulosic materials, food industry wastes, dairy wastes, etc., into several bioactive compounds, enzymes, biofuels, biogas, biofertilizers, nutraceuticals, nanoparticles, etc., will be discussed elaborately in more detail. This book investigates the theoretical and practical aspects of modern research regarding the valorization of agro-wastes through microbial technology. Moreover, the role of valorization research in circular bio-economy will also be addressed in this book.