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Titolo	Bioactive Ingredients for Healthcare Industry Volume 2 : Advances in Therapeutic Applications / / edited by Dibyajit Lahiri, Moupriya Nag, Debasmita Bhattacharya, Siddhartha Pati, Tanmay Sarkar
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Chapter 1: Unleashing the positive impact of natural bioactive compounds in the therapeutic strategy for metabolic syndrome -- Chapter 2: Natural Ingredients For Prevention And Treatment Of Oral Mucositis -- Chapter 3: Recent advances on therapeutic mechanism & potential of flavonoids and carotenoids: A focus on Alzheimer's and Parkinson's disease. -- Chapter 4: Bioactive compounds in managements of microbial pathogenesis. -- Chapter 5: Antibiofilm activity of natural compounds -- Chapter 6: Anticancer activity of Natural compounds -- Chapter 7: Application of Spice Extract-Iron Bionanocomposites as a Medium for Hormonal Regulation in Females -- Chapter 8: Food-derived Bioactive Peptides as Potential Anti-microbial Agents: Challenges and Opportunities -- Chapter 9: Bioactive Compound as Down-regulators of Biofilm forming genes -- Chapter 10:Biofilm Revisited: Enhancing Food Safety Using Phyto-

Nanotechnology -- Chapter 11: Mechanism of alkaloids and flavonoids in regulating diabetes -- Chapter 12: A Holistic Treatise On Nature Driven Solution to Cancer -- Chapter 13: Treatment Of Osteoarthritis with novel Biologicals from plants and Microbial sources.

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#### Sommario/riassunto

This book provides in-depth knowledge on the use of various bioactive compounds obtained from natural sources as therapeutics and healthcare solutions. The chapters emphasize on the role of bioactives in managing various types of chronic diseases and emerging healthcare challenges comprising of neurodegenerative disorders, cardiovascular diseases and various metabolic syndromes. The book presents various advanced techniques for bringing about optimization in the bioactivity, enhancement of the delivery systems and ensuring the efficiency of the therapeutics. Aimed at researchers, healthcare professionals, and industry stakeholders, Volume 2 serves as a comprehensive resource to understand the application of various types of bioactive compounds in mitigating various health associated problems.

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