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Nota di contenuto	1) Ganoderic acid for anticancer applications: Scope of nanomedicine in its effective delivery -- 2) Vitamin E based nanomedicines for anticancer drug delivery -- 3) Rutin based phytomedicines for cancer benefit -- 4) Nanoformulated Drug Delivery of Potential Betulinic Acid Derivatives: A Promising Approach toward Cancer Therapy -- 5) Quercetin Loaded Nanomedicine as Oncotherapy -- 6) Polyunsaturated fatty acids loaded nanomedicine for solid tumor -- 7) Rutin based phytomedicines for cancer benefit -- 8) Quercetin Loaded Nanomedicine as Oncotherapy -- 9) Quercetin Loaded Nanomedicine as Nutritional Applications -- 10) Polyphenols loaded nanomedicines against skin aging -- 11) Polyphenols loaded nanomedicines against skin aging -- 12) LIPID NANOCARRIERS FOR DERMAL DELIVERY OF

LUTEIN -- 13) Bioactive flavonoid apigenin and its nanoformulations: a promising hope for diabetes and cancer -- 14) Therapeutic potential of 'Aegeline' an important phytochemical of Aegle marmelos: Current Health perspectives for the treatment of disease -- 15) EPIGALOCATECHIN-3-GALLATE LOADED NANOCARRIERS FOR HEALTH BENEFITS -- 16) Clove oil / Eugenol as the nanotechnological perspective for healthcare applications -- 17) Clove oil / Eugenol as the nanotechnological perspective for healthcare applications.

Sommario/riassunto

Nanotechnology is opening up new avenues in all scientific and technological fields. Among the novel applications, bioactives and nutraceuticals are fast-growing areas of nano research for better healthcare solutions. A variety of nanoformulations, such as polymeric nanoparticles, nanocapsules, nanoemulsions, transferosomes and ethosomes, liposomes, lipospheres, and lipid polymer hybrid nanoparticles have proved valuable in bioactive delivery and food materials. Further, new herbal drugs and nutraceuticals are reported to have remarkable advantages over conventional formulations of plant actives and extracts, including enhanced solubility, bioavailability, multiple drug delivery, greater stability, sustained delivery, improved tissue macrophage distribution, protection from toxicity, enhancement of pharmacological activity and protection from physical and chemical degradation. This book focuses on the advanced nanomaterials that are utilized for the encapsulation of nutrients/vitamin/phytoconstituents, as well as their other healthcare benefits. .
