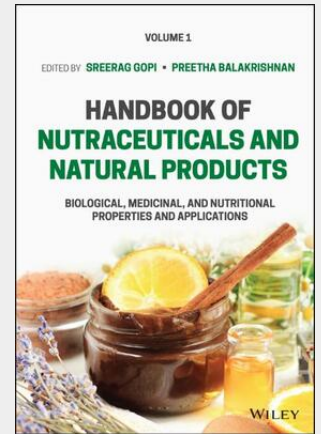


Handbook of Nutraceuticals and Natural Products, Volume 1

HANDBOOK OF NUTRACEUTICALS AND NATURAL PRODUCTS An essential treatment of nutraceuticals and natural products, their preparation techniques, and applications In Handbook of Nutraceuticals and Natural Products, a team of distinguished researchers delivers a one-stop resource describing the preparation techniques and functional uses of nutraceuticals and natural products with a focus on the technologies involved. The book includes coverage of the biological, medicinal, and nutritional properties and applications of functional foods, as well as the advanced technologies used in the extraction and functionalization of nano components and the nanomaterial and nanochemical aspects of the products. The authors discuss developmental research as well as user-level benefits of nutraceuticals and natural products and thoroughly review the market analyses, quality assurance processes, and regulations relevant to nutraceuticals and natural products. They also cover: * Thorough introductions to nutraceuticals, functional foods, liposomal technology, prebiotics, and lycopene and its active drug delivery * Comprehensive explorations of nutraceutical compounds from marine microalgae and poly lysine as an antimicrobial agent * Practical discussions of a nutraceuticals approach to treating cancer-cachexia and early life nutrition and epigenetics * In-depth examinations of encapsulation and delivery of nutraceuticals and bioactive compounds by nanoliposomes and tocosomes as promising nanocarriers Perfect for chemists, biochemists, food scientists, and materials scientists, Handbook of Nutraceuticals and Natural Products will also earn a place in the libraries of medical scientists working in academia or industry, as well as nutritionists, dietitians, and biochemistry graduate students studying nutraceuticals.

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