Record Nr. UNINA9910132310803321 Nutraceutical and functional food processing technology / / edited by **Titolo** Joyce Irene Boye Pubbl/distr/stampa West Sussex, England:,: WILEY Blackwell,, 2015 ©2015 **ISBN** 1-118-50498-4 1-118-50495-X 1-118-50497-6 Descrizione fisica 1 online resource (902 p.) Collana IFST Advances in Food Science Disciplina 641.3/08 Food additives Soggetti Functional foods Nutrition Food industry and trade 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 at the end of each chapters and index. Nota di contenuto Cover; Title Page; Copyright; About the IFST Advances in Food Science Book Series: Forthcoming titles in the IFST series: List of Contributors: Chapter 1: Current and Emerging Trends in the Formulation and Manufacture of Nutraceuticals and Functional Food Products; 1.1 Introduction; 1.2 Overview, Classification, and Benefits of Nutraceuticals and Functional Foods: 1.3 Production of Nutraceuticals and Functional Foods; 1.4 Current Formulation Trends and the Modern Marketplace: 1.5 Conclusion: References Chapter 2: Functional and Sustainable Food-Biophysical Implications of a "Healthy" Food System2.1 Introduction; 2.2 Background; 2.3 Functional Food Footprint-The Case of Tomatoes; 2.4 Summary; References; Chapter 3: Key Considerations in the Selection of Ingredients and Processing Technologies for Functional Foods and Nutraceutical Products; 3.1 Introduction; 3.2 Processing Technologies for Functional Food Bioactive Components and Nutraceutical Products: 3.3 Delivery of Nutraceuticals in Food and Its Limitations; 3.4

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Sommario/riassunto

For several years, the food industry has been interested in identifying components in foods which have health benefits to be used in the development of functional food and nutraceutical products. Examples of these ingredients include fibre, phytosterols, peptides, proteins, isoflavones, saponins, phytic acid, probiotics, prebiotics and functional enzymes. Although much progress has been made in the identification, extraction and characterisation of these ingredients, there remains a need for ready and near-market platform technologies for processing these ingredients into marketable value-add