1. Record Nr. UNINA9910817656103321 Carotenoids and retinoids: molecular aspects and health issues // **Titolo** editors, Lester Packer ... [et al.] Champaign, III., : AOCS Press. c2005 Pubbl/distr/stampa **ISBN** 1-4398-2237-9 Descrizione fisica 1 online resource (359 p.) Altri autori (Persone) **PackerLester** Disciplina 612/.01528 Soggetti Carotenoids - Health aspects Carotenoids - Molecular aspects Retinoids - Health aspects Retinoids - Molecular aspects 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 ""Preface ""; ""Table of Contents ""; ""Ch 1 Introduction to Retinoids ""; ""Ch 2 Introduction to Vitamin A: A Nutritional and Life Cycle Perspective ""; ""Ch 3 The Essential Role of Vitamin A in Signal Transduction ""; ""Ch 4 Chemical and Metabolic Oxidation of Carotenoids ""; ""Ch 5 Gap Junctional Intercellular Communication: Carotenoids and Retinoids ""; ""Ch 6 Raman Detection of Carotenoids in Human Tissue ""; ""Ch 7 Macular Carotenoids in Eye Health ""; ""Ch 8 B-Carotene Cleavage Products Impair Cellular and Mitochondrial Functions and May Lead to Genotoxicity "" ""Ch 9 Formation of B-Carotene Cleavage Products in View of the Particular Conditions in Inflamed Lung Tissue """Ch 10 Biological Activity of Lycopene Against Smoke-Induced Lung Lesions ""; ""Ch 11 Retinoids and Carotenoids as Cancer Chemopreventive Agents ""; ""Ch 12 Lycopene and Risk of Cardiovascular Disease ""; ""Ch 13 Effect of Feeding and Then Depleting a High Fruit and Vegetable Diet on Oxidizability in Human Serum ""; ""Ch 14 Mitochondria as Novel Targets for Proapoptotic Synthetic Retinoids ""; ""Ch 15 Molecular Analysis of the Vitamin A Biosynthetic Pathway "" ""Ch 16 Regulation of Transcription by Antioxidant Carotenoids """"Ch

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