

1. Record Nr.	UNINA9910458406403321
Titolo	Molecular nutrition [[electronic resource] /] / edited by Janos Zempleni and Hannelore Daniel
Pubbl/distr/stampa	Wallingford, Oxon, UK ; ; Cambridge, MA, : CABI Pub., c2003
ISBN	1-281-90494-5 9786611904944 0-85199-851-8
Descrizione fisica	1 online resource (421 p.)
Classificazione	44.21
Altri autori (Persone)	ZempleniJanos DanielHannelore
Disciplina	571.6
Soggetti	Nutrient interactions Nutrition Molecular biology Electronic books.
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	Molecular Nutrition; Contents; Contributors; Preface; 1 Genomics and Beyond; 2 Perspectives in Post-genomic Nutrition Research; 3 Molecular Physiology of Plasma Membrane Transporters for Organic Nutrients; 4 Intracellular Trafficking and Compartmentalization of Vitamins and Their Physiologically Active Forms; 5 Nutrient Homeostasis in Proliferating Cells; 6 Nutrients and Apoptosis; 7 Glucose Regulation of Gene Expression in Mammals; 8 Amino Acid-dependent Control of Transcription in Mammalian Cells; 9 Fatty Acids and Gene Expression 10 Role of RARs and RXRs in Mediating the Molecular Mechanism of Action of Vitamin A11 Regulation of Gene Expression by Biotin, Vitamin B6 and Vitamin C; 12 Selenium and Vitamin E; 13 Sphingolipids: a New Strategy for Cancer Treatment and; 14 The Health Effects of Dietary Isoflavones; 15 Mechanisms of Ubiquitination and Proteasome-dependent Proteolysis in Skeletal Muscle; 16 Diet, DNA Methylation and Cancer; 17 Biotinylation of Histones in Human Cells; 18 Niacin Status, Poly(ADP-ribose) Metabolism and Genomic Instability; 19 Assembly of Triglyceride-transporting Plasma Lipoproteins

20 Regulation of Cellular Cholesterol; 21 2002 Assessment of Nutritional Influences on Risk for Cataract; 22 Nutrition and Immune Function; 23 Molecular Mechanisms of Food Allergy; 24 Safety Assessment of Genetically Modified Foods; Index

Sommario/riassunto

Reviewing the field of molecular nutrition and important research in its various fields, this book contains contributions from leading international experts.