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Nota di contenuto	Frontiers in the Nutrition Sciences -- Copyright -- PREFACE -- Contents -- I FRONTIERS IN THE NUTRITION SCIENCES -- Molecular Biology and Nutrition Research -- ISOLATION AND CHARACTERIZATION OF GENES OF METABOLIC INTEREST -- THE INTRODUCTION OF GENES INTO CELLS AND ANIMALS -- Construction of Chimeric Genes -- Properties of a Regulated Promoter -- Methods for Introducing Genes into Cells and Animals -- METABOLIC STUDIES USING GENETICALLY MODIFIED CELLS AND ANIMALS -- Introduction and Regulation of Genes Introduced into Hepatoma Cells via Retroviral Vectors -- Use of Retroviral Vectors to Introduce Genes into Animals -- Tissue-Specific Expression and Dietary Regulation of a Chimeric PEPCK-bGH Gene Introduced into the Germ Line of Mice -- POSSIBLE APPROACHES TO GENETICALLY BASED ALTERATION IN METABOLIC PROCESSES -- THE NEED FOR NEW EDUCATIONAL PROGRAMS COMBINING METABOLISM AND MOLECULAR BIOLOGY -- References -- The Genome: Nutrition and Human Variation -- HUMAN VARIABILITY -- EXAMPLES OF THE INTERACTIVE ROLE OF GENETICS -- PROBLEMS OF PUBLIC AND GENETICS -- Biotechnological Developments: Potential for Improvements in Food Formulation, Nutrient Delivery, and Safety --

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