

1. Record Nr.	UNINA9911019137003321
Titolo	Science, society, and the supermarket : the opportunities and challenges of nutrigenomics // David Castle ... [et al.]
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2007
ISBN	9786610721429 9781280721427 1280721421 9780470055502 0470055502 9780470055496 0470055499
Descrizione fisica	1 online resource (177 p.)
Altri autori (Persone)	CastleDavid <1967->
Disciplina	612.3
Soggetti	Nutrition - Genetic aspects Functional genomics Nutrient interactions
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	SCIENCE, SOCIETY, AND THE SUPERMARKET; CONTENTS; Preface; Acknowledgments; 1 NUTRITIONAL GENOMICS: OPPORTUNITIES AND CHALLENGES; 1.1 Introduction; 1.2 What is Nutritional Genomics?; 1.3 Methodology and Approach of this Book; 1.4 Opportunities and Challenges for Nutrigenomics; 1.4.1 Improved health; 1.4.2 Personalized dietary advice; 1.4.3 Improved diet; 1.4.4 More development of health-enhancing food products; 1.4.5 Consumer empowerment; 1.4.6 Reducing health disparities; 1.4.7 Health care savings; 1.5 Challenges and a Road Map of This Book; References 2 THE SCIENCE OF NUTRIGENOMICS AND NUTRIGENETICS2.1 Introduction; 2.2 The Scientific Context; 2.2.1 Nutrigenomics; 2.2.2 Nutrigenetics; 2.3 The Case of MTHFR; 2.4 Room for Improvement; 2.4.1 Study design; 2.4.2 Epigenetics; 2.4.3 SNPs and haplotypes; 2.4.4 Dietary intake assessment; 2.4.5 Biomarkers; 2.4.6 Susceptibility and predictions; 2.4.7 Analytical and clinical validity; 2.4.8 Clinical utility;

2.5 Science and Technology Assessment; 2.6 Conclusion; References; 3 THE ETHICS OF NUTRIGENOMIC TESTS AND INFORMATION; 3.1 Introduction; 3.2 Ethical Principles 3.3 Nutrigenomics Testing in the Clinical Setting 3.3.1 Informed consent; 3.3.2 Confidentiality; 3.3.3 Secondary information; 3.3.4 Families; 3.3.5 Genetic testing of children and adolescents; 3.4 Use of Nutrigenomics Information for Research; 3.5 Use of Nutrigenomics Information by Private Third Parties; 3.5.1 Insurance; 3.5.2 Employment; 3.5.3 Legal and social responses to fears of discrimination; 3.6 Conclusion; References; 4 ALTERNATIVES FOR NUTRIGENOMIC SERVICE DELIVERY; 4.1 Introduction; 4.2 Considerations for Nutrigenomic Service Delivery; 4.2.1 Strength of the science 4.2.2 Regulatory environment 4.2.3 Human resource capacity and professional competence; 4.2.4 Funding policy; 4.2.5 Professional politics and culture; 4.2.6 Consumers and patients; 4.3 Four Alternative Models; 4.3.1 Consumer model; 4.3.2 Health practitioner model; 4.3.3 Blended models; 4.3.4 Public health model; 4.4 Conclusion; References; 5 NUTRIGENOMICS AND THE REGULATION OF HEALTH CLAIMS FOR FOODS AND DRUGS; 5.1 Introduction; 5.1.1 Genetic tests, service delivery, and genetic antidiscrimination; 5.2 Food Categories: Functional Foods, Nutraceuticals, Medicinal Foods, and Dietary Supplements 5.2.1 Functional foods 5.2.2 Nutraceuticals; 5.2.3 Medical or medicinal foods; 5.2.4 Dietary supplements; 5.3 Health-Related Claims Associated with Foods Compared to Drugs; 5.3.1 Structure-function claims; 5.3.2 Health claims; 5.3.3 Medical food claims; 5.3.4 Disease risk reduction claims; 5.4 Nutrigenomic Information and the Regulation of Foods Compared to Drugs; 5.4.1 The regulation of foods; 5.4.2 The regulation of drugs; 5.5 Food and Drug Regulations in Japan, the United States, and Canada; 5.5.1 Japan; 5.5.2 United States; 5.5.3 Canada; 5.6 Conclusion; References 6 NUTRIGENOMICS: JUSTICE, EQUITY, AND ACCESS

## Sommario/riassunto

The new science of nutrigenomics and its ethical and societal challenges Gene-diet interactions--which underlie relatively benign lactose intolerance to life-threatening conditions such as cardiovascular disease--have long been known. But until now, scientists lacked the tools to fully understand the underlying mechanisms that cause these conditions. In recent years, however, strides in human genomics and the nutritional sciences have allowed for the advancement of a new science--dubbed nutrigenomics. Although this science may lead to personalized nutrition and dietary recommendatio

2. Record Nr.	UNINA9910957747903321
Autore	Allen John W (John Willis), <1887-1969.>
Titolo	Legends & lore of southern Illinois / / John W. Allen
Pubbl/distr/stampa	Carbondale, : Southern Illinois University Press, 2010
ISBN	1-280-69847-0 9786613675439 0-8093-8565-1
Edizione	[Southern Illinois University Press pbk. ed.]
Descrizione fisica	xviii, 404 p. : ill., maps
Collana	Shawnee classics
Disciplina	398.209773
Soggetti	Folklore - Illinois Legends - Illinois Illinois Social life and customs Anecdotes Illinois History, Local Anecdotes Illinois Biography Anecdotes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"First edition published 1963"--T.p. verso. Includes index.
Nota di contenuto	Individuals -- Names -- Folklore -- Indians -- Early travel -- Early business activities -- Farm life -- Early schools -- Holidays -- Churches -- Law & order -- Slavery -- The military -- Along the rivers -- Landmarks -- Towns : old & older -- Random stories -- Epilogue: I retire.
Sommario/riassunto	In the 1950s and 60s, John W. Allen told the people of southern Illinois about themselves about their region, its history, and its folkways in his series of newspaper articles, It Happened in Southern Illinois. Each installment of the series depicted a single item of interest a town, a building, an enterprise, a person, an event, a custom. Originally published in 1963, "Legends & Lore of Southern Illinois" brings together a selection of these articles preserving a valuable body of significant local history and cultural lore. During territorial times and early statehood, southern Illinois was the most populous and most influential part of the state. But the advent of the steamboat and the building of the National Road made the lands to the west and north

more easily accessible, and the later settlers struck out for the more expansive and fertile prairies. The effect of this movement was to isolate that section of the state known as Egypt and halt its development, creating what Allen termed an historical eddy. Bypassed as it was by the main current of westward expansion and economic growth, its culture changed very slowly. Methods, practices, and the tools of the pioneer continued in use for a long time. The improved highways and better means of communication of the twentieth century brought a marked change upon the region, and daily life no longer differed materially from that of other areas. Against such a cultural and historical backdrop, Mr. Allen wrote these sketches of the people of southern Illinois of their folkways and beliefs, their endeavors, successes, failures, and tragedies, and of the land to which they came. There are stories here of slaves and their masters, criminals, wandering peddlers, politicians, law courts and vigilantes, and of boat races on the rivers. Allen also looks at the region's earlier history, describing American Indian ruins, monuments, and artifacts as well as the native population's encounters with European settlers. Many of the vestiges of the region's past culture have all but disappeared, surviving only in museums and in the written record. This new paperback edition of "Legends & Lore of Southern Illinois" brings that past culture to life again in Allen's descriptive, engaging style.

---