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Titolo	Sustainable Nutrition in a Changing World // edited by Hans Konrad Biesalski, Adam Drewnowski, Johanna T. Dwyer, JJ Strain, Peter Weber, Manfred Eggersdorfer
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ISBN	3-319-55942-7
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XVI, 406 p. 40 illus., 29 illus. in color.)
Disciplina	572
Soggetti	Nutrition Health promotion Health economics Quality of life Nutrition Health Promotion and Disease Prevention Health Economics Quality of Life Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	From the Contents: Introduction -- Food and Nutrition Security -- Sustainable healthy diets: Models and measures -- Measurements of food insecurity -- Modeling of Sustainable Nutrition Security -- Nutrition security in older adults - status quo and future development -- Rationale for a combination of selected micronutrients to improve cognition and prevent or slow down age related cognitive impairment -- Food insecurity and poverty in Germany -- Meat consumption and Sustainability – How is a change of consumer behavior possible? -- Food Insecurity: Determinants and Impacts -- Sustainable micronutrients in Europe – any concern? -- Micronutrient status in affluent societies -- B-Vitamins -- Iron and Zinc: Two Principal Trace Element Nutrients in the Context of Food Security Transitions -- Iodine deficiency: achievements and challenges for the 21st century -- Adequate protein in Nutrition – arguments for more or less ? --

Malnutrition – consequences for clinical outcome -- Introduction: Assuring Food & Nutrition Security in Affluent Societies -- Working Title: The Food Industry as a partner for Public Health? -- The challenge: Improving Food & Nutrition Security in Affluent Societies - A Food Ingredient Provider Perspective -- Food & Nutrition Security: A Consumer Perspective -- Food chain processes and food quality -- Formulating Food Ingredients for different Applications: Some examples -- Stability of vitamins A and E in edible oils -- The Search for the Optimal Macronutrient Recommendation and Nutrition Security -- Getting Enough Protein for the Growing World Population -- Nutrient density an important concept to assure food and nutrition security in modern societies -- Does it work? Is it worth it? Evaluating the costs and benefits of nutritional interventions -- Approaches to secure food and nutrition security in the elderly -- The Role of Food Fortification – Example Folate -- Role of Fortification and Dietary Supplements In Affluent Countries: Challenges and Opportunities.

Sommario/riassunto

This book is the first of its kind to tackle in detail the nutritional requirements of the industrialized, so-called developed world. It discusses the link between socio-economic status and food security, focusing especially on the relationship between income and food security in different age groups. The authors calculate the actual levels of essential micronutrients delivered by current dietary patterns, identifying important shortfalls in the provision of key micronutrients, and elucidate the public health consequences of nutrition insecurity. Finally, the authors discuss future approaches for ensuring nutrition security on the basis of three pillars: access, availability and nutritional value. The approaches advocated in this ground-breaking publication will allow all people, irrespective of age and social status, to have access to a safe and nutritious diet. Key stakeholders such as legislators, government, academia and industry, as well as consumers themselves, all have important roles to play in making this a reality.
