

Contents

vii Preface

Biesalski, H.K. (Stuttgart); Black, R.E. (Baltimore, MD)

Introduction

1 The 1,000-Day Window and Cognitive Development

Biesalski, H.K. (Stuttgart)

State of the Art: Malnutrition in High-Income Countries – What Is the Evidence?

16 Hidden and Neglected: Food Poverty in the Global North – The Case of Germany

Pfeiffer, S.; Oestreicher, E. (Stuttgart); Ritter, T. (Munich)

24 Critical Dietary Habits in Early Childhood: Principles and Practice

Kersting, M. (Dortmund); Alexy, U. (Bonn); Schürmann, S. (Dortmund)

36 Food Price Policies May Improve Diet but Increase Socioeconomic Inequalities in Nutrition

Darmon, N. (Marseille); Lacroix, A.; Muller, L.; Ruffieux, B. (Grenoble)

46 Income Inequality and Child Mortality in Wealthy Nations

Collison, D. (Dundee)

54 Understanding Food Insecurity in the USA and Canada: Potential Insights for Europe

Gundersen, C. (Urbana, IL)

Nutrition Transition and Nutritional Deficiencies in Low-Income Countries

61 Determinants of Child Malnutrition and Infant and Young Child Feeding Approaches in Cambodia

Reinbott, A.; Jordan, I. (Giessen)

68 Nutrition Transition in Rural Tanzania and Kenya

Keding, G. (Giessen/Arusha/Nairobi)

82 The Role of Breastfeeding in the Prevention of Childhood Malnutrition

Scherbaum, V. (Stuttgart); Srou, M.L. (Vientiane)

Consequences of Hidden Hunger

98 A Vitamin on the Mind: New Discoveries on Control of the Brain by Vitamin A

Stoney, P.N.; McCaffery, P. (Aberdeen)

- 109 Current Information Gaps in Micronutrient Research, Programs and Policy: How Can We Fill Them?**
Allen, L.H. (Davis, CA)
- 118 The Importance of Adequate Iodine during Pregnancy and Infancy**
Zimmermann, M.B. (Zurich)
- 125 Zinc Deficiency in Childhood and Pregnancy: Evidence for Intervention Effects and Program Responses**
Lamberti, L.M.; Fischer Walker, C.L.; Black, R.E. (Baltimore, MD)

Interventions to Improve Nutrition Security

- 134 The Second International Conference on Nutrition, as Seen by a Member State**
Eiden, H.-C.; Welte, S. (Bonn)
- 142 The Second International Conference on Nutrition: Implications for Hidden Hunger**
Amoroso, L. (Rome)
- 153 Genetically Modified Organisms and the Future Global Nutrient Supply: Part of the Solution or a New Problem?**
Phillips, P.W.B. (Saskatoon, SK)
- 164 SAFO: A Systematic Partnership to Reduce Vitamin A Deficiency in Tanzania**
Tewes-Gratl, C. (Cambridge, MA/Berlin); Bluethner, A. (Lampertheim/Mannheim)
- 175 Genetically Engineered Crops and Certified Organic Agriculture for Improving Nutrition Security in Africa and South Asia**
Pray, C. (New Brunswick, NJ); Ledermann, S. (Zurich)
- 184 Behavioral Change Strategies for Improving Complementary Feeding and Breastfeeding**
Osendarp, S.J.M.; Roche, M.L. (Ottawa, ON)
- 193 Rights-Based Approaches to Ensure Sustainable Nutrition Security**
Banerjee, S. (New Delhi)
- 203 What Political Framework Is Necessary to Reduce Malnutrition? A Civil Society Perspective**
Walter, B. (Berlin)
- 211 The Role of Food Fortification in Addressing Iron Deficiency in Infants and Young Children**
Spieldenner, J. (Lausanne)
- 224 How to Achieve Transparency in Public-Private Partnerships Engaged in Hunger and Malnutrition Reduction**
Eggersdorfer, M. (Basel); Bird, J.K. (Delft)
- 233 Public-Private Partnerships and Undernutrition: Examples and Future Prospects**
Hoddinott, J. (Ithaca, NY/ Washington, DC); Gillespie, S.; Yosef, S. (Washington, DC)

239 Author Index

240 Subject Index