Record Nr. UNINA9910813753203321 Practical food safety: contemporary issues and future directions // **Titolo** editors, Rajeev Bhat and Vicente M. Gmez-Lpez; contributors Martin Alberer [and sixty three others] Chichester, England:,: Wiley Blackwell,, 2014 Pubbl/distr/stampa ©2014 **ISBN** 1-118-47459-7 1-118-47456-2 1-118-47457-0 Descrizione fisica 1 online resource (641 p.) Disciplina 363.19/26 Soggetti Food Safety Food contamination Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Practical Food Safety: Contemporary Issues and Future Directions: Copyright; Contents; List of Contributors; Foreword; Preface; 1 Food Safety: A Global Perspective; 1.1 Introduction; 1.2 National and global food safety events; 1.3 Food-borne illness outbreaks: imports and exports; 1.4 Regulations impacting food safety; 1.5 China's food safety growing pains; 1.6 Food safety and product testing; 1.7 Fresh fruits and vegetables safety; 1.8 Conclusions and future outlook; References; 2 Food Safety: Consumer Perceptions and Practices; 2.1 Introduction; 2.2 Novel technologies and issues 2.2.1 Irradiation 2.2.2 Genetic modification; 2.2.3 Nanotechnology; 2.2.4 Hormone use in food animals; 2.2.5 Organic foods; 2.2.6 Deliberate and accidental contamination; 2.3 Consumer attitudes, knowledge and behavior; 2.3.1 Types of food safety issues; 2.3.2 Knowledge versus behavior; 2.3.3 Influence of consumer demographics; 2.3.4 Knowledge and behavior; 2.4 Conclusion and outlook; References; 3 Educating for Food Safety; 3.1 Introduction; 3.2 Food safety education targeting food handlers; 3.3 Effective food safety

education interventions; 3.3.1 Intervention design

3.3.2 Instructional strategies 3.3.3 Learner assessment; 3.3.4 Training in languages other than English; 3.4 Future outlook; Acknowledgements: References: 4 Food Safety Training in Food Services; 4.1 Introduction; 4.2 Legislation about training; 4.2.1 European Union; 4.2.2 United States; 4.2.3 Mercosur; 4.2.4 Brazil; 4.3 Evaluation of the programs; 4.4 Planning the training programs; 4.4.1 Knowing the target public; 4.4.2 Training themes; 4.4.3 Training methods; 4.4.4 Duration of training programs; 4.4.5 Language used in training: 4.5 Conclusions and future outlook: References 5 Product Tracing Systems 5.1 Introduction; 5.2 Traceability: meaning and context; 5.2.1 Tracebacks, traceforwards, and recalls; 5.2.2 Traceability system attributes; 5.3 International traceability regulations; 5.3.1 Codex; 5.4 Private global traceability standards; 5.4.1 International Standards Organization (ISO); 5.4.2 Global Food Safety Initiative (GFSI): 5.4.3 GS1: 5.5 Country-specific traceability requirements; 5.5.1 Traceability in developed economies; 5.5.2 Traceability through regulatory consolidation; 5.5.3 Traceability through transformative events 5.5.4 Traceability in developing countries 5.6 Costs and benefits to traceability; 5.6.1 Societal benefits; 5.6.2 Government benefits; 5.6.3 Industry costs and benefits; 5.7 Challenges; 5.7.1 Education; 5.7.2 Technology: 5.7.3 Commingling: a challenge to traceability: 5.8 The role of technology in traceability; 5.9 Steps to achieve a global, traceable supply chain; 5.10 Summary and outlook; Acknowledgements; References; 6 Linking Local Suppliers to Global Food Markets: A Critical Analysis of Food Safety Issues in Developing Countries: 6.1 Introduction: 6.2 The rise of global supply chains 6.3 Global trade opportunities for developing countries

## Sommario/riassunto

The past few years have witnessed an upsurge in incidences relating to food safety issues, which are all attributed to different factors. Today, with the increase in knowledge and available databases on food safety issues, the world is witnessing tremendous efforts towards the development of new, economical and environmentally-friendly techniques for maintaining