1. Record Nr. UNINA9910144386303321 Autore Riviere J. Edmond (Jim Edmond) Titolo Chemical food safety: a scientist's perspective / / Jim Riviere Pubbl/distr/stampa Ames, Iowa, : Iowa State Press, 2002 **ISBN** 1-282-29105-X 9786612291050 0-470-79157-8 0-470-37679-1 0-470-37658-9 Edizione [1st ed.] 1 online resource (234 p.) Descrizione fisica Disciplina 363.192 Soggetti Food contamination Food additives - Toxicology Health risk assessment 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 (p. 179-198) and index. Nota di contenuto CHEMICAL FOOD SAFETY A Scientist's Perspective; Contents: Acknowledgements: Introduction: 1 Probability-The Language of Science and Change: 2 Dose Makes the Difference: 3 The Pesticide Threat; 4 Veggie and Fruit Consumption in the Age of the Centenarians; 5 Chemicals Present in Natural Foods: 6 Risk and Regulations: 7 Some Real Issues in Chemical Toxicology; 8 Milk Is Good for You; 9 Biotechnology and Genetically Modified Foods: "The Invasion of the Killer Corn" or "New Veggies to the Rescue"; 10 Food Security and the World of Bioterrorism; 11 The Future; A Toxicology Primer B Selected Readings and NotesIndex Chemical Food Safety: A Scientist's Perspective introduces readers to Sommario/riassunto the science of risk assessment as applied to food safety and offers relevant, current information on research and statistics, chemicals, biotechnology issues, and emerging diseases that challenge the risk assessment strategies of toxicology and microbiology. Riviere

investigates the potential health consequences of pesticides, food additives and drugs, demonstrating how science can be applied to

make risk assessments. He differentiates between "real risks" and "phantom risks," unearthing numerous fallacies in th