

## **Part I: Biological Hazards in Foods and Food Products**

### 1. Potential Threat of Mycotoxins to Food Safety and Security

*V. Dharini, Neha Halder, S. Periyar Selvam, G. Mikunthan, and M. Mahesh Kumar*

### 2. Potential Concern of Foodborne Pathogens in the Food Industry

*Samlesh Kumari and Pragya Kulkarni*

### 3. Rapid Isothermal Nucleic Acid Dependent Techniques for On-Site Diagnosis of Foodborne Pathogens

*Saurabh Kadyan, Gaurav K. Deshwal, Rashmi H. Mallappa, and Diwas Pradhan*

### 4. Antimicrobial Resistance in Food Grade Lactic Acid Bacteria

*Shruti Nayyar, Saurabh Kadyan, Heena Parveen, Rashmi H. Mallappa, and Diwas Pradhan*

### 5. Zoonoses: Infectious Diseases in Humans

*Arun Kharate, Ravindra Dombar, J. Adeppa, and Lina Dhote*

## **Part II: Chemical Hazards in Milk and Milk Products**

### 6. Milk Adulteration: Current Scenario and Challenges

*Tanmay Hazra, Rohit G. Sindhav, CH. V. K. Sudheendra, and Vimal M. Ramani*

### 7. Antibiotic Residues in Milk: Control Strategies in Dairy Animals

*Sushil K. Mohapatra and Tapas K. Patbandha*

### 8. Heavy Metal Contamination in Milk and Milk Products

*Apurba Giri, Monalisa Roy, Sucheta Sahoo, and Khokan C. Gayen*

### 9. Detection of Pesticides Residues in Milk and Milk Products

*Dipesh Aggarwal, Santosh Anand, and Diwakar Mishra*

## **Part III: Food Safety Hazards: Practices and Management**

### 10. Food Safety Management Systems in the Food Processing Industry

*Nancy Awasti, Venkateswarlu Sunkesula, and Ahmed R. A. Hammam*

11. Current Trends and Advances in Food Allergy Management

*Rohit G. Sindhav, Tanmay Hazra, and Ankit J. Thesiya*

12. Anti-Nutritive and Therapeutic Properties of Lectins

*CH. V. K. Sudheendra, Tanmay Hazra, Akash Solanki, and Vimal M. Ramani*

13. Recall of Food Products: Practices and Lessons.