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Nota di contenuto	""Cover""; ""Contents""; ""Contributors""; ""Preface""; ""Acknowledgments""; ""1. The Public Health, Industrial, and Global Significance of Rapid Microbiological Food Testing""; ""I. ACCELERATED GENERIC TECHNIQUES""; ""2. Strengths and Shortcomings of Advanced Detection Technologies""; ""3. Chromogenic and Accelerated Cultural Methods""; ""4. Automated and Large-Scale Characterization of Microbial Communities in Food Production""; ""5. Fast and High-Throughput Molecular Typing Methods""; ""II. CRITICAL CONSIDERATIONS BEFORE SETTING UP RAPID METHODS"" ""6. Sampling, Transport, and Sample Preparation in Emergency Situations and Rapid Response"" ""7. Statistics of Sampling for Microbiological Testing of Foodborne Pathogens""; ""8. Preanalytical Sample Preparation and Analyte Extraction""; ""9. Criteria for Choosing the Right Rapid Method""; ""10. Your Results Are Your Controls: Inclusion of Critical Test Controls""; ""11. International Validation, Ring

Trial, and Standardization of Rapid Methods"; "12. Statistical Data Analysis of Results Based on Alternative Detection and Enumeration Methods"; "III. MEAT PRODUCTION CHAIN"  
"13. Salmonella in Pork, Beef, Poultry, and Egg"; "14. Yersinia enterocolitica in Pork"; "15. Campylobacter in Poultry, Pork, and Beef"; "16. Shiga Toxin-Producing Escherichia coli in Food"; "17. Rapid Screening of Animal Feeds for Mycotoxins and Salmonella Contaminations"; "IV. DAIRY PRODUCTION CHAIN"; "18. Listeria monocytogenes in Milk, Cheese, and the Dairy Environment"; "19. Bacillus cereus in Milk and Dairy Production"; "20. Staphylococcus aureus in the Dairy Chain"; "21. Cronobacter Species in Powdered Infant Formula"; "V. FRESH PRODUCE, SEAFOOD, AND WATER"  
"22. Pathogen Testing in Fresh Produce and Irrigation Water"; "23. Norovirus, Hepatitis A Virus, and Indicator Microorganisms in Shellfish, Soft Fruits, and Water"; "24. Protozoan Parasites: Cryptosporidium, Giardia, Cyclospora, and Toxoplasma"; "VI. FOOD SERVICE AND CATERING"; "25. Practical Sampling Plans, Indicator Microorganisms, and Interpretation of Test Results from Trouble-Shooting"; "26. Clostridium perfringens in Food Service"; "27. Hepatitis A Virus in Ready-To-Eat Foods"; "VII. CONCLUSIONS"  
"28. Future Trends in Rapid Methods: Where Is the Field Moving, and What Should We Focus On?" "Index"; "A"; "B"; "C"; "D"; "E"; "F"; "G"; "H"; "I"; "K"; "L"; "M"; "N"; "O"; "P"; "Q"; "R"; "S"; "T"; "U"; "V"; "W"; "X"; "Y"; "Z"

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