

1. Record Nr.	UNISA996197278303316
Titolo	Verocytotoxigenic E. coli [[electronic resource] /] / edited by Geraldine Duffy, Patricia Garvey, David A. McDowell
Pubbl/distr/stampa	Trumbull, Conn., : Food & Nutrition Press, c2001
ISBN	1-281-45030-8 9786611450304 0-470-38509-X 0-470-38487-5
Descrizione fisica	1 online resource (472 p.)
Altri autori (Persone)	DuffyGeraldine GarveyPatricia McDowellDavid A
Disciplina	616.9 616.926
Soggetti	Escherichia coli infections Escherichia coli O157:H7
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 and index.
Nota di contenuto	Verocytotoxigenic E. coli; CONTENTS; 1. EMERGENCE OF VEROCYTOTOXIGENIC E. COLI; 2. DETECTION OF VEROCYTOTOXIN-PRODUCING ESCHERICHIA COLI 0157 ON THE FARM AND AT THE ABATTOIR; 3. CLINICAL DETECTION OF VEROCYTOTOXIN-PRODUCING E. COLI (VTEC); 4. PRACTICAL CONSIDERATIONS AND DIFFICULTIES ASSOCIATED WITH THE DETECTION OF VEROCYTOTOXINPRODUCING ESCHERICHIA COLI (VTEC) IN FOODS; 5 . GENERAL RECOVERY, CHARACTERISATION AND TYPING PROTOCOLS FOR VTEC; 6 . EPIDEMIOLOGY OF VEROCYTOTOXIGENIC ESCHERICHIA COLI (VTEC) IN RUMINANTS; 7. EPIDEMIOLOGY OF VTEC IN NON-RUMINANT ANIMALS 8. EPIDEMIOLOGY OF HUMAN INFECTIONS BY ESCHERICHIA CULI0157 AND OTHER VEROCYTOTOXIN-PRODUCING E. COLI9. FOODS AS VEHICLES OF VTEC INFECTION; 10. A CASE STUDY OF CHEESE ASSOCIATED E. COLI 0157 OUTBREAKS IN SCOTLAND; 11 . PATHOGENIC ASPECTS OF VTEC INFECTIONS IN RUMINANTS; 12. PATHOGENIC ASPECTS OF VTEC INFECTION IN NONRUMINANT

ANIMALS; 13. PATHOGENIC ASPECTS OF STEC INFECTIONS IN HUMANS; 14. HEALTHY ANIMALS AS CARRIERS OF STEC; 15. SURVIVAL AND GROWTH OF VTEC IN THE ENVIRONMENT; 16. SURVIVAL AND GROWTH OF VEROCYTOTOXIGENIC E. COLI IN FOODS 17. PREDICTING THE FATE OF VEROCYTOTOXIGENIC ESCHERICHIA COLI IN FOODS 18. RISK ASSESSMENT IN THE CONTROL OF VTEC; 19. FARM MANAGEMENT PRACTICES: A SWEDISH CASE STUDY; 20. CONTROL OF VTEC IN THE MEAT INDUSTRY; 21. CONTROL OF VTEC IN NON-MEAT FOOD PRODUCTS; 22. CLINICAL MANAGEMENT OF E. COLI O157 INFECTION; 23. VEROCYTOTOXIGENIC E. COLI: SAFE LABORATORY PRACTICES; 24. VEROCYTOTOXIGENIC E. COLI - LEGAL ASPECTS; APPENDIX; INDEX

Sommario/riassunto

Verocytotoxin producing Escherichia coli (VTEC), and in particular, strains of serogroup O157, have emerged as significant pathogens causing a range of severe and potentially fatal illnesses. The European Union has recognised the threat posed by E. coli O157:H7 and the need to devise control strategies based on an understanding of VTEC pathogenicity, transmission, survival and growth. It also acknowledges the importance of informing farmers, veterinarians, food producers and health authorities so that each of these groups can act appropriately to reduce the overall hazards posed by these
