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Nota di contenuto	Contents; Contributors; Preface; 1 Taxonomy and Species Concepts in the Genus Salmonella; 2 Structure, Function and Synthesis of Surface Polysaccharides in Salmonella; 3 Fimbriae and Flagella of Salmonella enterica; 4 Characterizing Salmonella Genomes; 5 Salmonella Virulence Mechanisms and their Genetic Basis; 6 Host Genetic Susceptibility/Resistance; 7 Antimicrobial Resistance in Salmonella; 8 Immunity to Salmonella in Farm Animals and Murine Models of Disease; 9 Salmonella Infections in the Domestic Fowl; 10 Salmonella Infections in Turkeys; 11 Salmonella Infections in Ducks 12 Salmonella Infections in Cattle 13 Salmonella Infections in Pigs; 14 Salmonella Infections in Sheep; 15 Salmonella Infections in Horses; 16 Salmonella Infections in Dogs and Cats; 17 Salmonella Infections in Exotic Pets; 18 Public Health Aspects of Salmonella Infections; 19 Salmonella in Feed; 20 Environmental Aspects of Salmonella; 21 Competitive Exclusion; 22 Vaccination against Salmonella Infections in Food Animals: Rationale, Theoretical Basis and Practical Application; 23 EU Legislation on the Control of Salmonella, Monitoring and Reporting 24 Current and New Approaches to Typing of Salmonella 25 Other Approaches to Infection Control; Index; A; B; C; D; E; F; G; H; I; K; L; M; N; O; P; Q; R; S; T; V; W

Sommario/riassunto

Salmonella remains a major cause of economic loss in domestic livestock and of human food poisoning worldwide. The 2nd edition covers the new research from the past 10 years, including major advances in the understanding of the salmonella organism. It is fully updated with new coverage of genome structure, virulence, vaccine development, molecular methods for epidemiology and exotics. It is suitable for researchers in animal and human health.
