

1. Record Nr.	UNINA9910677189003321
Titolo	Antimicrobial Resistance in Bacteria of Animal Origin // edited by Frank M. Aarestrup
Pubbl/distr/stampa	Washington, District of Columbia : , : John Wiley & Sons, Inc., , 2019
ISBN	1-68367-185-6
Descrizione fisica	1 online resource (xii, 442 pages) : illustrations
Disciplina	636.08951
Soggetti	Veterinary drugs Zoonoses Antibiotics in veterinary medicine Drug resistance in microorganisms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Comprehensively examines the current research on antimicrobial resistance in the main veterinary and zoonotic pathogens, including resistance to disinfectants and metals used in agriculture. the early chapters provide information on modes of action of antibiotics and mechanisms of bacterial resistance, in addition to exploring the history of antimicrobial use in agriculture. Several chapters are devoted to examination of antimicrobial resistance in specific bacteria, including: the family Pasteurellaceae, species of Campylobacter, pathogenic Escherichia coli, staphylococci, streptococci, and Enterococcus. Also detailed are phenotypic and molecular methods for susceptibility testing, regulatory mechanisms for usage of antibiotics, and methods for monitoring drug usage and resistance.