1. Record Nr. UNICAMPANIAVAN00289578

Autore	Neerven, Jan van
Titolo	The Adjoint of a Semigroup of Linear Operators / Jan van Neerven
Pubbl/distr/stampa	Berlin [etc.], : Springer-Verlag, 1992
Descrizione fisica	x, 194 p. ; 24 cm
Soggetti	47-XX - Operator theory [MSC 2020] 47B65 - Positive linear operators and order-bounded operators [MSC 2020] 47D06 - One-parameter semigroups and linear evolution equations [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9911034957303321

Autore	ter Kuile Benno
Titolo	Antimicrobial Resistance and Antibiotics Usage in Livestock : Why Prevention Must Start on the Farm / / edited by Benno ter Kuile
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-032-04598-3
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (177 pages)
Collana	Biomedical and Life Sciences Series
Disciplina	571.9646 616.0795
Soggetti	Immune response Pathogenic microorganisms Veterinary medicine Public health Antimicrobial Responses Veterinary Science Public Health
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa

Livello bibliografico	Monografia
Nota di contenuto	Overview and background; Antimicrobial resistance in the veterinary sector -- Preventive measures to minimise veterinary antibiotic use and their impact on antibiotic resistance -- Consequences of antimicrobial residuals in the environment -- Animal movements and food as driving factors for the spread of antimicrobial resistance -- Fluoroquinolones: Role in Healthcare and Environmental Impact and Resistance Development -- EU laws and regulations as an example of rules for the veterinary application of antimicrobials -- Enforcement of the EU regulations 2019/4 and 2019/6.
Sommario/riassunto	Antimicrobial resistance is a generally recognized threat to public health. Usage of antibiotics unavoidably leads to development and spread of antimicrobial resistance. This is the generally believed assumption. This multi-author book addresses the question how antibiotics can be applied to combat infections in livestock, while minimizing the build-up of resistance. This information is not only essential for veterinarians and farmers, but also for policymakers and law enforcement agencies in the agricultural sector. The main message of this book is that with well-designed measures and optimal strategies for application, antibiotics can be used with reduced collateral damage in the form of antimicrobial resistance. All authors are experts on the different aspects of antimicrobials in the framework of veterinary applications. The various chapters review the state-of-the-art on reduction of usage, the consequences for the environment, driving factors for development and spreading, and the legal aspects of antimicrobials in the framework of food production. Overall, the book provides a comprehensive overview of the scientific opinions on antimicrobial resistance in the veterinary sector. In addition to summarizing the science, this book also provides practical and implementable suggestions for veterinarians and others involved in raising livestock to improve daily practice in order to prevent unnecessary selection of resistance. In countries where these principles of good practice are applied the resistance of livestock related microorganisms has stabilized and sometime even decreased over the years. This is an important message to spread globally, because if it is applied worldwide, antimicrobials will remains the reliable tool for healthcare that the have been in the past decades.