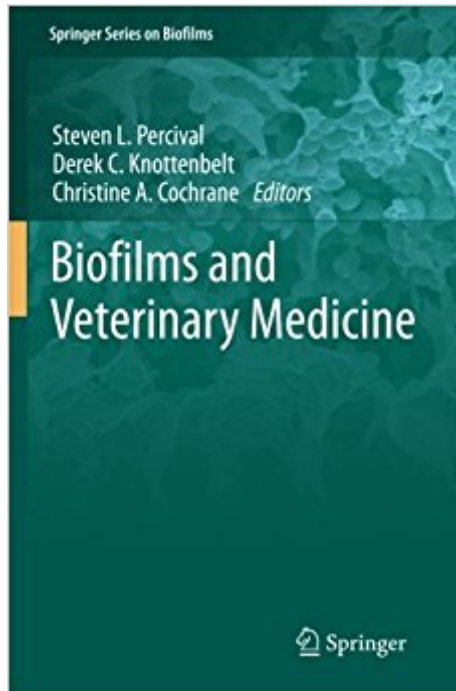




Ebook Directory
the best source of ebook

The book was found

Biofilms And Veterinary Medicine (Springer Series On Biofilms)



Synopsis

Biofilms are implicated in many common medical problems, yet in veterinary medicine the concept of biofilms and their role in the pathogenesis of disease has lagged seriously behind that in human medicine. This survey of the field aims to redress the inequity.

Book Information

Series: Springer Series on Biofilms (Book 6)

Paperback: 258 pages

Publisher: Springer; 2011 edition (October 24, 2013)

Language: English

ISBN-10: 3642269974

ISBN-13: 978-3642269974

Product Dimensions: 6.1 x 0.6 x 9.3 inches

Shipping Weight: 11.2 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #9,791,492 in Books (See Top 100 in Books) #87 in Books > Medical Books > Veterinary Medicine > Microbiology #600 in Books > Medical Books > Basic Sciences > Bacteriology #2507 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Microbiology

Customer Reviews

Biofilms are implicated in many common medical problems including urinary tract infections, catheter infections, middle-ear infections, dental plaque, gingivitis, and some less common but more lethal processes such as endocarditis and infections in cystic fibrosis. However, the true importance of biofilms in the overall process of disease pathogenesis has only recently been recognized. Bacterial biofilms are one of the fundamental reasons for incipient wound healing failure in that they may impair natural cutaneous wound healing and reduce topical antimicrobial efficiency in infected skin wounds. Their existence explains many of the enigmas of microbial infection and a better grasp of the process may well serve to establish a different approach to infection control and management. Biofilms and their associated complications have been found to be involved in up to 80% of all infections. A large number of studies targeted at the bacterial biofilms have been conducted, and many of them are referred to in this book, which is the first of its kind. These clinical observations emphasize the importance of biofilm formation to both superficial and systemic infections, and the inability of current antimicrobial therapies to "cure" the resulting diseases

even when the in vitro tests suggest that they should be fully effective. In veterinary medicine the concept of biofilms and their role in the pathogenesis of disease has lagged seriously behind that in human medicine.Â This is all the more extraordinary when one considers that much of the research has been carried out using veterinary species in experimental situations.Â Â The clinical features of biofilms in human medicine is certainly mimicked in the veterinary species but there is an inherent and highly regrettable indifference to the failure of antimicrobial therapy in many veterinary disease situations, and this is probably at its most retrograde in veterinary wound management.Â Biofilms and Veterinary Medicine is specifically focused on discussing the concerns of biofilms to health and disease in animals and provides a definitive text for veterinary practitioners, medical and veterinary students, and researchers.

[Download to continue reading...](#)

Biofilms and Veterinary Medicine (Springer Series on Biofilms) Clinical Veterinary Dentistry, An Issue of Veterinary Clinics: Small Animal Practice, 1e (The Clinics: Veterinary Medicine) Clinical Veterinary Dentistry, An Issue of Veterinary Clinics: Small Animal Practice, E-Book (The Clinics: Veterinary Medicine) Advances in Veterinary Oncology, An Issue of Veterinary Clinics of North America: Small Animal Practice, 1e (The Clinics: Veterinary Medicine) Advances in Veterinary Oncology, An Issue of Veterinary Clinics of North America: Small Animal Practice, E-Book (The Clinics: Veterinary Medicine) Neonatal Medicine and Surgery, An Issue of Veterinary Clinics: Equine Practice, 1e (The Clinics: Veterinary Medicine) Combating Biofilms: Why Your Antibiotics and Antifungals Fail: Solutions for Lyme Disease, Chronic Sinusitis, Pneumonia, Yeast Infections, Wounds, Ear ... Bad Breath, Cystic Fibrosis and Implants Veterinary Immunology and Immunopathology (Veterinary Sciences and Medicine) Emerging and Reemerging Viruses of Dogs and Cats, An Issue of Veterinary Clinics: Small Animal Practice, 1e (The Clinics: Veterinary Medicine) Adventures in Veterinary Medicine: What Working in Veterinary Hospitals Taught Me About Life, Love and Myself Ophthalmic Immunology and Immune-Mediated Disease, An Issue of Veterinary Clinics: Small Animal Practice, 1e (The Clinics: Veterinary Medicine) Veterinary Vaccines and Diagnostics: 41 (Advances in Veterinary Medicine) Modern Concepts of Immunology in Veterinary Medicine: Poultry Immunology (Advances in Medical & Veterinary Virology Immunology and Epidemiology) Topics in Cardiology, An Issue of Veterinary Clinics of North America: Small Animal Practice, 1e (The Clinics: Veterinary Medicine) Dentistry, An Issue of Veterinary Clinics: Small Animal Practice, 1e (The Clinics: Veterinary Medicine) Disorders of the Oral Cavity, An Issue of Veterinary Clinics of North America: Exotic Animal Practice, 1e (The Clinics: Veterinary Medicine) Advances in Equine Dentistry, An Issue of Veterinary Clinics: Equine Practice, 1e (The Clinics:

Veterinary Medicine) Advances in Equine Dentistry, An Issue of Veterinary Clinics: Equine Practice, E-Book (The Clinics: Veterinary Medicine) Clinical Dermatology, An Issue of Veterinary Clinics: Small Animal Practice, 1e (The Clinics: Veterinary Medicine) Clinical Dermatology, An Issue of Veterinary Clinics: Small Animal Practice, E-Book (The Clinics: Veterinary Medicine)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)