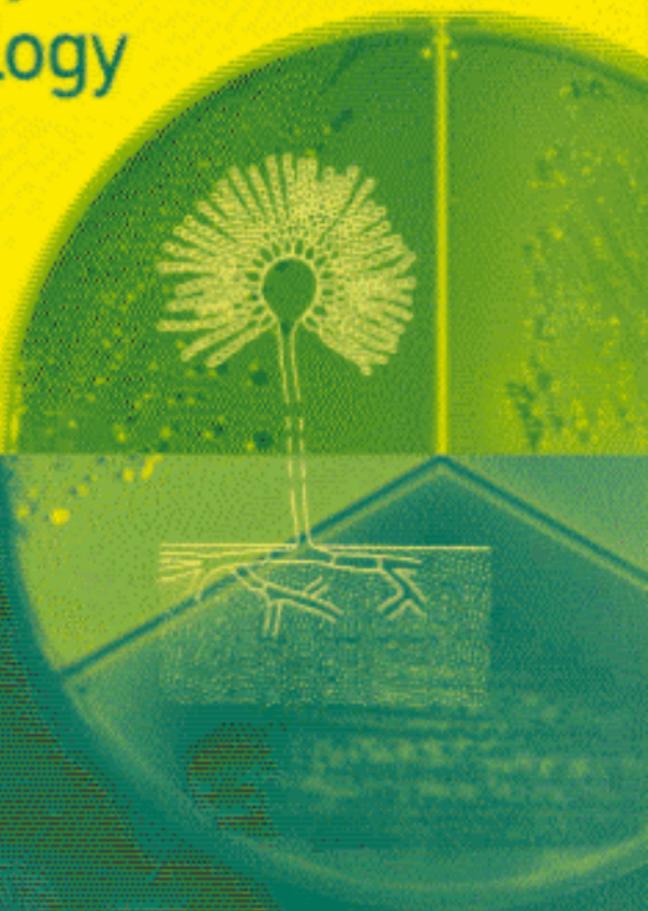


Concise Review of Veterinary Microbiology

P. J. Quinn and
B. K. Markey



Blackwell
Publishing

Contents

Preface	iv	32. <i>Chlamydia</i> and <i>Chlamydothila</i> species	66
Acknowledgements	iv	33. <i>Rickettsiales</i>	68
Section I			
Introductory Bacteriology			
1. Structure of bacterial cells	2	Section III	
2. Cultivation, preservation and inactivation of bacteria	4	Mycology	
3. Laboratory diagnosis of bacterial disease	6	34. General features of fungi associated with disease in animals	72
4. Antibacterial agents 1	8	35. Dermatophytes	74
5. Antibacterial agents 2	10	36. <i>Aspergillus</i> species	76
6. Bacterial infections	12	37. Yeasts and disease production	78
Section II			
Pathogenic Bacteria			
7. <i>Staphylococcus</i> species	16	38. Dimorphic fungi	80
8. Streptococci	18	39. Zygomycetes of veterinary importance	82
9. <i>Corynebacterium</i> species and <i>Rhodococcus equi</i>	20	40. Mycotoxins and mycotoxicoses 1	84
10. Actinomycetes 1	22	41. Mycotoxins and mycotoxicoses 2	86
11. Actinomycetes 2	24	Section IV	
12. <i>Listeria</i> species and <i>Erysipelothrix rhusiopathiae</i>	26	Viruses, Prions and Disinfection	
13. <i>Bacillus</i> species	28	42. Nature, structure and taxonomy of viruses	90
14. <i>Clostridium</i> species 1	30	43. Replication of viruses 1	92
15. <i>Clostridium</i> species 2	32	44. Replication of viruses 2	94
16. <i>Mycobacterium</i> species 1	34	45. Laboratory diagnosis of viral disease	96
17. <i>Mycobacterium</i> species 2	36	46. <i>Herpesviridae</i> 1	98
18. <i>Enterobacteriaceae</i> 1	38	47. <i>Herpesviridae</i> 2	100
19. <i>Enterobacteriaceae</i> 2	40	48. <i>Papillomaviridae</i>	102
20. <i>Pseudomonas aeruginosa</i> and <i>Burkholderia</i> species	42	49. <i>Adenoviridae</i>	104
21. <i>Actinobacillus</i> species	44	50. <i>Poxviridae</i>	106
22. <i>Pasteurella</i> species, <i>Mannheimia haemolytica</i> and <i>Francisella tularensis</i>	46	51. <i>Asfarviridae</i> and <i>Bornaviridae</i>	108
23. <i>Haemophilus</i> species and <i>Taylorella equigenitalis</i>	48	52. <i>Parvoviridae</i>	110
24. <i>Bordetella bronchiseptica</i> , <i>Bordetella avium</i> and <i>Moraxella bovis</i>	50	53. <i>Retroviridae</i> 1	112
25. <i>Brucella</i> species 1	52	54. <i>Retroviridae</i> 2	114
26. <i>Brucella</i> species 2	54	55. <i>Reoviridae</i>	116
27. <i>Campylobacter</i> species	56	56. <i>Orthomyxoviridae</i>	118
28. Spirochaetes 1	58	57. <i>Paramyxoviridae</i>	120
29. Spirochaetes 2	60	58. <i>Rhabdoviridae</i>	122
30. Pathogenic anaerobic non-spore-forming Gram-negative bacteria	62	59. <i>Bunyaviridae</i> and <i>Birnaviridae</i>	124
31. Mycoplasmas	64	60. <i>Picornaviridae</i>	126
		61. <i>Caliciviridae</i>	128
		62. <i>Coronaviridae</i>	130
		63. <i>Arteriviridae</i> and <i>Togaviridae</i>	132
		64. <i>Flaviviridae</i>	134
		65. Prions: unconventional infectious agents	136
		66. Disinfection	138
		Index	141