## 579.26 BAC

## CONTENTS

Chapter1. Introduction	1
Chapter2. Bacteriophage Research: Early History	5
Chapter3. Basic Phage Biology	29
Chapter4. Bacteriophage Classification	67
Chapter5. Genomics and Evolution of Tailed Phages	91
Chapter6. Phage Ecology	129
Chapter7. Molecular Mechanisms of Phage Infection	165
Chapter8. Bacteriophages and Bacterial Virulence	223
Chapter9. Phage for the Detection of Pathogenic Bacteria	267
Chapter10. Control of Bacteriophages in Industrial Fermentations	285
Chapter11. Phage As Vectors and Targeted Delivery Vehicles	297
Chapter12. The Use of Phage Lytic Enzymes to Control Bacterial Infections	321
Chapter13. Phage Therapy in Animals and Agribusiness	335
Chapter14. Bacteriophage Therapy in Humans	381
Appendix	437
Index	495