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Nota di contenuto	Part I: Bacteriophages as antibacterialagents -- Chapter 1:Production of PhageTherapeutics and Formulations – InnovativeApproaches -- Chapter 2:Phagepharmacokinetics: relationship with administrationroute -- Chapter 3:BacterialResistance to Phage and itsImpact on Clinical Therapy -- Part II: Bacteriophages and the immune system -- Chapter 4:Phageinteraction with the mammalianimmune system -- Chapter 5:Humoralimmuneresponse to phage-basedtherapeutics -- Part III:Use of bacteriophages to combat bacterial infections -- Chapter 6:How to achieve a goodphage therapy clinical trial? -- Chapter 7: Perspectives on the RenewedInterest in the United States -- Chapter 8:Phage Therapy in Orthopaedic Implant-associated Infections -- Chapter 9:The use of bacteriophages in animalhealth and food protection -- Chapter 10:Combiningbacteriophages with otherantibacterialagents to combatbacteria -- Chapter 11: Phage therapy of infectious biofilms: Challenges and strategies -- Part IV: Phage therapy – regulatory and ethical aspects -- Chapter 12:

Regulatory Considerations for Bacteriophage Therapy Products -- Chapter 13: Developing phages into medicines for Europe -- Chapter 14: Phage therapy in Europe: Regulatory and intellectual property protection issues -- Chapter 15: Ethics of phage therapy -- Part V: Bacteriophage-derived antibacterial agents -- Chapter 16: Novel Alternative to Antibiotics.

Sommario/riassunto

This book gives a detailed yet clear insight into the current state of the art of the therapeutic application of bacteriophages in different conditions. The authors bring in their practical expertise within their respective fields of expertise and provide an excellent overview of the potential and actual use of phage therapy. Topics like economic feasibility compared to traditional antibiotics and also regulatory issues are discussed in far detail. This new volume is therefore a valuable resource for individuals engaged in the medical application of novel phage therapies.
