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	Phage T2 as a potential cancer therapeutic Phage for delivery to the brain and CNS (including current work with Alzheimer's and drug addictions) d. Phage for Bacterial Detection: i. History of Phage bacterial detection ii. Methods (replication assays, conjugation with bioluminescence, labelling etc.) iii. Potential uses in healthcare and industry e. Phage for the targeting of Biofilms i. Phage candidates and important bacterial targets ii. History and potential uses in healthcare and industry f. Phage device coatings: i. Current phage coating practices and research ii. Callenges (notably phage orientation) iii. methods to overcome these challenges.
Sommario/riassunto	This book explores key applications of phage biotechnology and reviews recent advances in phage display technologies. The applications covered were selected on the basis of their significance and representativeness in the field. The small size and enormous diversity of bacteriophages make them ideal candidates for numerous applications across many industries. Since the discovery of phages and the advent of phage display systems, considerable attention has been focused on the development of novel therapeutic and industrial applications. Recent studies combine the genomic flexibility of phages with phage display systems in order to generate modified phages for targeted delivery.