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Altri autori (Persone)	KwokPhilip Chi Lip
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Nota di contenuto	Chapter 1: Design strategies of dry powders for pulmonary delivery of pharmaceutical peptides -- Chapter 2. Pulmonary delivery of antibody for the treatment of respiratory diseases -- Chapter 3: Dry powder formulation of monoclonal antibodies for pulmonary delivery -- Chapter 4: Antimicrobial peptides and proteins for inhalation -- Chapter 5: Pulmonary delivery of nucleic acids -- Chapter 6: Intranasal and inhaled vaccines -- Chapter 7: Respiratory delivery of probiotics to improve lung health -- Chapter 8: Respiratory delivery of

bacteriophages for the treatment of lung infections -- Chapter 9:  
Pharmacokinetics of inhaled medications – what do we know about  
biological macromolecules?.

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Sommario/riassunto

Therapeutic macromolecules and biologics have gained increasing importance in the last decade. Pulmonary and intranasal delivery of these therapeutic modalities, which have poor oral bioavailability, could constitute an attractive, non-invasive alternative to parenteral delivery. They can be considered for either topical use for treating diseases affecting the airways or for systemic use for treating a variety of other diseases. Therefore, this book is a readable, thoughtful, and useful guide on the latest research developments and the best options that people involved with pulmonary and intranasal route of administration and biologically active agents can bring to their practices. Furthermore, it explores the underlying scientific rationale for the strategies applied to overcome drug delivery challenges and provides insights to inspire further research in this growing area.

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