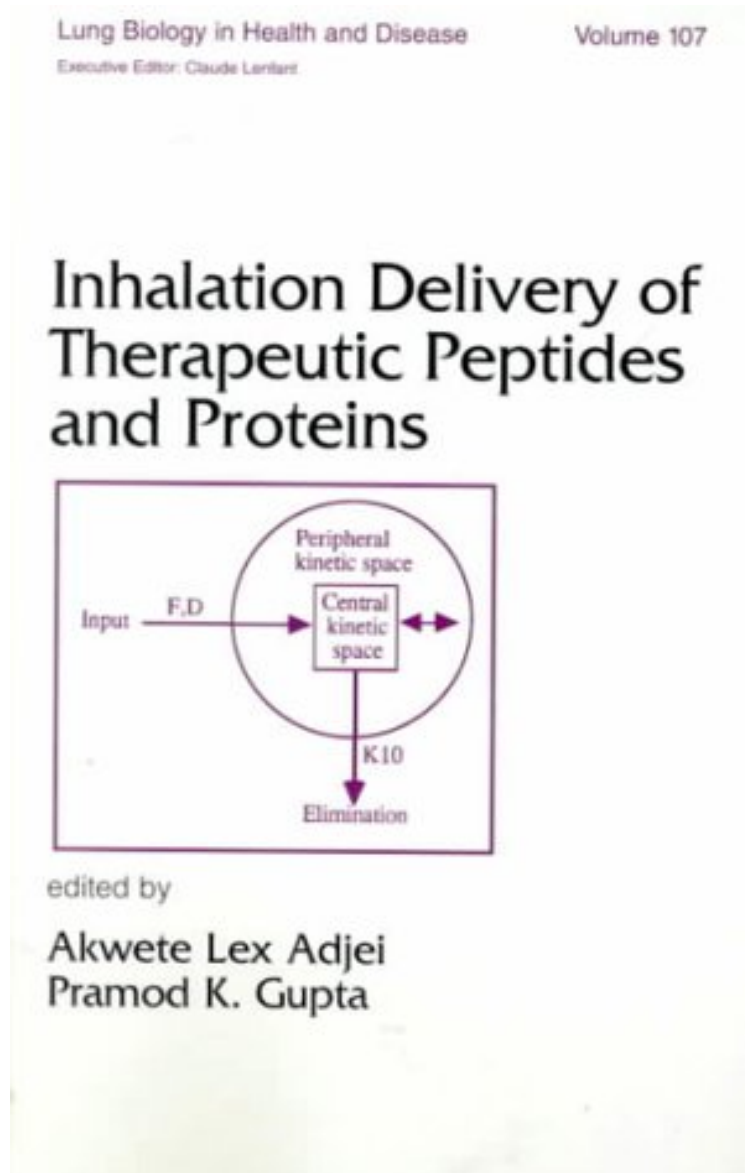


# Inhalation Delivery of Therapeutic Peptides and Proteins (Lung Biology in Health and Disease)

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From Brand: CRC Press : Inhalation Delivery of Therapeutic Peptides and Proteins (Lung Biology in Health and Disease) before purchasing it in order to gauge whether or not it would be worth my time, and all praised Inhalation Delivery of Therapeutic Peptides and Proteins (Lung Biology in Health and Disease):

This exhaustive reference—the first book of its kind to describe in detail the functionality of the human respiratory tract and its impact on both local and systemic delivery of biotherapeutic and macromolecular drug systems—offers comprehensive analyses of peptide and protein drug delivery through the lung. Summarizes over 130 patents granted worldwide on alternative systems for pulmonary delivery of therapeutic drugs—especially peptides and proteins! Examining macromolecular drug delivery as an efficient, patient-friendly, and cost-effective method of treatment, *Inhalation Delivery of Therapeutic Peptides and Proteins* discusses airway physiology and biomechanics, the pharmaceutical concerns associated with the respiratory tract as a viable port of drug entry to the body, key peptide drugs under development and in use to treat local lung disease, including cyclosporines, interferons, antitrypsins, protease inhibitors, and deoxyribonucleases; the systemic delivery of peptide and protein drugs using fine-particle technology; gene therapy employing gene delivery through the airways; new developments in pulmonary delivery technologies emphasizing inhaled peptide and protein drugs; guidelines for the successful introduction of peptide inhalation aerosol products into the marketplace and much more!

Prepublication praise: Lex Adjei and Pramod Gupta have been at the forefront of the development of inhaled peptide and protein therapy for many years and have the ideal credentials to be editing this volume. The text is a gold mine of information.—Steve Newman, Chief Scientist, Pharmaceutical Profiles, Ltd., Nottingham, England  
A very valuable book which presents a vast source of information for respiratory protein delivery.—*European Journal of Pharmaceutics and Biopharmaceutics*  
The book's encyclopedic level of content, its extensive index of cited authors, and subject index make it an important reference. Its scholarship and readability makes it a necessary library addition for both basic and clinical scientists interested in peptide drugs, pharmaceutical delivery, and respiratory tract therapeutics.—*Pharmaceutical Research*