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Collana	Advances in asthma : new mechanisms, management strategies and treatments, , 2056-452X Drug delivery, , 2056-452X
Disciplina	615.1
Soggetti	Aerosol therapy Antiasthmatic agents Drug delivery systems Lungs - Diseases - Treatment Pharmaceutical technology Administration, Inhalation Aerosols - therapeutic use Anti-Asthmatic Agents - administration & dosage Drug Delivery Systems Lung Diseases - drug therapy Nebulizers and Vaporizers Pharmaceutical Preparations - administration & dosage Pulmonary Ventilation - physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Animated audio-visual presentation with synchronized narration. Title from title frames.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Contents: Pulmonary drug delivery -- Therapeutic targets -- Drug categories -- Lung deposition and clearance -- Inhaled drug products -- Mechanism of droplet formation pMDIs -- In vitro tests -- In vivo

considerations.

Sommario/riassunto

Drug therapy via inhalation route is at the cutting edge of modern drug delivery research. There has been significant progress on the understanding of drug therapy via inhalation products. However, there are still problems associated with their formulation design, including the interaction between the active pharmaceutical ingredient(s) (APIs), excipients and devices. This book seeks to cover some of the most pertinent issues and challenges of such formulation design associated with industrial production and desirable clinical outcome. The chapter topics have been selected with